



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D. C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

April 28, 2002

**MEMORANDUM**

SUBJECT: **Carbaryl.** (Chemical ID No. 056801/List A Reregistration Case No. 0080). Revised Dietary Exposure Analysis for the HED Revised Human Health Risk Assessment. No MRID# DP Barcode D281419.

FROM: Felecia A. Fort, Chemist  
Reregistration Branch I  
Health Effects Division (7509C)

THRU: Sheila Piper, Chemist and William Cutchin, Chemist  
Dietary Exposure Science Advisory Council  
and  
Whang Phang, Ph.D., Branch Senior Scientist  
Reregistration Branch I  
Health Effects Division (7509C)

TO: Jeffrey Dawson, Chemist  
Reregistration Branch I  
Health Effects Division (7509C)  
and  
Anthony Britten, Chemical Review Manager  
Special Review and Reregistration Division (7508C)

The Health Effects Division (HED) has revised the acute, chronic and cancer dietary risk analysis for the carbamate insecticide carbaryl in association with the human health risk assessment for the Reregistration Eligibility Decision Document (RED). These revisions were made to include processing factors submitted by the registrant; to exclude commodities that are no longer supported and to incorporate revised acute and chronic Population Adjusted Doses (PADs) and Q<sub>1</sub>\* (cancer) that were selected by the HIARC and CARC, respectively. Additionally, in response to comments from the registrant, the dietary assessments include both the 1989- 1992 and the 1994-1996 consumption data (CSFII).

Carbaryl is used on commodities in numerous crop groups in agricultural and home settings. A

highly refined exposure assessment is needed for the RED. Detailed usage information, monitoring data, and field trial data are described in appendices to this review. Acute and chronic assessments are required as well as cancer assessments using the Q<sub>1</sub>\* approach.

## **CONCLUSIONS/SUMMARY**

This is a Tier 3/4 assessment, which is the most highly refined assessment that can be conducted at this time. Changes in the acute and chronic dietary PADs as well as the addition of processing factors resulted in significantly lower risk estimates. HED has provided revised anticipated residues (ARs) for carbaryl based on USDA Pesticide Data Program (PDP) and Food and Drug Administration (FDA) monitoring data and field trial data for the commodities listed in Table 1a of Attachment 1. In addition, separate acute assessments were conducted incorporating the results of the Carbamate Market Basket Survey (CMBS) (Table 1b, Attachment 1). At the present time, information from the industry-sponsored Carbamate Market Basket Survey has not been completely approved for use in dietary risk assessments. Assessments which include these data are presented in this document for comparison. When quality assurance procedures have been completed, HED will examine the database for appropriateness of inclusion into dietary risk assessments for the carbamate pesticides monitored in the study.

### **Chronic**

Chronic dietary risk estimates less than 100% of the cPAD are considered by HED to be not of concern. Estimated chronic dietary exposures for all population subgroups consumed <1% of the cPAD and consequently are below HED's level of concern.

### **Cancer**

The cancer dietary exposure assessment was conducted using the Q<sub>1</sub>\* approach. The Q<sub>1</sub>\* for carbaryl is  $8.75 \times 10^{-4}$ . Risks estimates above  $1 \times 10^{-6}$  are considered to be of concern. Results indicate a maximum lifetime risk of  $2.8 \times 10^{-8}$  for the general US population.

### **Acute**

Estimated acute dietary exposure at the 99.9th percentile of exposure exceeds HED's level of concern for some population subgroups when CMBS data are not used and are not of concern when the CMBS results are incorporated. The acute dietary assessment when CMBS data are not used resulted in risk estimates greater than 100% of the acute Population Adjusted Dose (aPAD) for all infants (<1 years old) and children (1-6 years old) at the 99.9th percentile of exposure. The highest exposed subpopulation incorporating all commodities using PDP and FDA monitoring data was all infants which consumed 133% of the aPAD. When CMBS data was incorporated, highest exposed subpopulation was children (1-6 years old) at 73% of the aPAD.

Although this exposure assessment is the most refined carbaryl assessment performed by HED to date, there are several uncertainties associated with this assessment which are noted in the Characterization/Uncertainties section of this document.

## **Revisions Made to the Carbaryl Dietary Assessment**

This revised carbaryl dietary assessment included changes made as a result of registrant comments and additional data that were submitted to the Agency.

**Uses deleted** The following uses which are no longer being supported by the registrant were deleted from the dietary assessment: dermal use on poultry and in poultry houses, and the uses on barley, oats, rye, and cottonseed.

**Processing, cooking and washing factors** The registrant also submitted processing, cooking and washing factors which were incorporated into the dietary assessment (Table 1). Some washing factors such as those provided for broccoli, cauliflower, grapes, orchard fruit, spinach, but were not used when PDP or CMBS data were used since the residues reflect commodities that have been washed before analysis. Additionally, canning and cooking factors for green beans, tomatoes, and spinach were not used since processed PDP data were already available and used in the assessment.

**Table 1. Processing Factors** (bolded commodities denotes change from prior assessment)

Commodity	Type	Factor	Used for
Apple	Juice Drying	0.37 2.58	Pear juice apple, pear, dried
Cabbage	Cooking Washing	<b>0.1</b> <b>0.25</b>	<b>cabbage, Brussels sprouts, kohlrabi, cooked cabbage, Brussels sprouts, kohlrabi, washed</b>
Grapefruit	Peel	1.13	Grapefruit peel
Lemon	Peel	1.16	Lemon peel
Orange	Peel	1.27	Orange peel
Corn Grain	oil	<b>0.25</b>	<b>Corn oil</b>
Grapes	unprocessed raisins processed raisins	<b>2.17</b> <b>1.37</b>	<b>Grapes - raisins</b>
Olive	oil	<b>0.81</b>	<b>Olive-oil</b>
Okra	Cooking Cooking/steaming Washing	<b>0.66</b> <b>0.18</b> <b>0.28</b>	<b>Okra</b>
Peas	Cooking/boiling Washing	<b>0.15</b> <b>0.30</b>	<b>Peas - cooked</b>
Peanuts	oil	<b>0.29</b>	<b>Peanut oil</b>
Pineapple	flesh	0.54	Pineapple peeled fruit Pineapple juice
Plums	dried washed	0.15 0.26	Plums(prunes) Plums fresh

Commodity	Type	Factor	Used for
Potatoes	dried fried baked boiled	0.4 0.04 1.2 2.5	Potatoes, dried Potatoes, fried Potatoes, baked Potatoes, boiled
Rice	polished bran	0.03 0.4	Rice, white Rice, bran
<b>Soybean</b>	<b>oil</b>	<b>0.005</b>	<b>Soybean oil</b>
Sugarbeets	sugar molasses	0.04 0.04	Sugarbeets Sugarbeets molasses
<b>Sunflowers</b>	<b>oil</b>	<b>0.03</b>	<b>Sunflowers oil</b>
Tomatoes	puree <b>juice</b> dry	0.65 <b>0.52</b> 0.52	Tomatoes puree, paste, catsup Tomatoes juice Tomatoes, dried
<b>Wheat</b>	<b>Flour</b> <b>Germ</b> <b>Bran</b>	<b>0.10</b> <b>0.65</b> <b>1.03</b>	<b>Wheat flour</b> <b>Wheat germ</b> <b>Wheat Bran</b>

## Almonds

The dietary assessment for almond nutmeat erroneously used the almond hulls residue information. The anticipated residues were recalculated using the data shown in Table 2 and resulted in the following residue distribution files and chronic AR.

Residue Distribution File for Acute Assessment			
<b>Almonds - FT</b>			
<b>15 samples</b>			
RDF # 68			
Almonds - FT			
4% CT			
Totalz=360			
Totalnz=15			
0.0614	0.0704	0.0786	
0.0822	0.0826	0.0932	
0.0304	0.0358	0.0380	
0.0704	0.0800	0.0840	
0.01	0.0300	0.0384	
Chronic AR = 0.059 ppm			

**Table 2 . Residues of carbaryl in/on almond nutmeats harvested 14 days following three applications of the 4 lb/gal FIC formulation at ~5.0 lb ai/A/application (~15.0 lb ai/A/season).**

RAC	Test Location (county, state)	Total Application Rate (lb ai/A)	Carbaryl Residues (ppm) <sup>a</sup>
Almond nutmeats	Butte, CA	14.9	0.0614, 0.0704, 0.0786
	Fresno, CA	14.9	0.0822, 0.0826, 0.0932
	Fresno, CA	14.9	0.0304, 0.0358, 0.0380
	Stanislaus, CA	15.8	0.0704, 0.0800, 0.0840
	Madera, CA	15.2	<0.02, 0.0300, 0.0384

## Peaches

Single Serving Peach PDP Data from the year 2000 were used for non-blended peach food forms where HED previously used data that had been decomposed (Allender method). The resultant RDF file is shown below. Five hundred and thirty-four samples were analyzed; carbaryl was detected in 79 of those samples.

<b>Peaches (not blended)</b> <b>PDP Single Serving 2000</b> <b>534 samples/79 detects</b> <b>18% CT - 15% detected</b> <b>Residues ranged from 0.01 - 2.7 ppm</b>
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RDF # 60 Peaches - PDP single serving 18% CT - 15% detected Totalz=438 Totalnz=79 17, 0.003 0.011 0.022 0.025 0.026 0.03 0.031 0.031 0.041 0.042 0.046 0.049 0.051 0.052 0.054 0.057 0.06 0.065 0.071 0.073 0.083 0.087 0.094 0.1 0.11 0.11 0.12 0.13 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.16 0.16 0.18 0.2 0.21 0.24 0.25 0.29 0.34 0.37 0.41 0.49 0.5 0.51 0.54 0.56 0.58 0.59 0.76 0.94 0.94 1.2 1.5 2.7
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## Toxicology Information

The HED Hazard Identification Assessment Review Committee (HIARC) on February 19,

2002 reevaluated the toxicology data base of carbaryl and selected toxicology endpoints for chronic and acute dietary as well as occupational exposure risk assessments. The selected toxicological endpoints and the doses for risk assessment and additional relevant details are summarized in Table 3. On November 7, 2001, the CARC reconsidered the cancer classification of carbaryl. In accordance with the EPA Draft Guidelines for Carcinogen Risk Assessment (July, 1999), the CARC classified carbaryl into the category “**Likely to be carcinogenic to humans**” and recommended a low dose linear extrapolation approach using all dose levels for the quantification of human cancer risk based on the most potent vascular tumors in mice.

The HED FQPA Safety Factor Committee (C. Christensen, 2/25/02) determined that when assessing acute and chronic dietary exposures, the safety factor should be reduced to 1x for all population subgroups.

**Table 3: Carbaryl Toxicity Endpoints**

EXPOSURE SCENARIO	Old RfD PAD	New DOSE (mg/kg/day)	New RfD PAD	ENDPOINT	STUDY
Acute Dietary (all populations)	aRfD = 0.03 mg/kg aPAD = 0.003 mg/kg/day	NOAEL= 1 mg/kg UF = 100 FQPA SF = 1	aRfD = 0.01 mg/kg aPAD = 0.01 mg/kg/day	Alterations in FOB parameters after a single dose to maternal animals	Acute neurotoxicity study - rat
Chronic Dietary (all populations)	cRfD = 0.01 mg/kg/day cPAD = 0.001 mg/kg/day	NOAEL = 3.1 mg/kg/day UF = 300 FQPA SF = 1	cRfD = 0.01 mg/kg/day cPAD = 0.01 mg/kg/day	Decrease in brain cholinesterase in females	Chronic toxicity - dog
Cancer	Q1* = $1.19 \times 10^{-2}$ [mg/kg/day] <sup>-1</sup>	n/a	Q1* = $8.75 \times 10^{-4}$ [mg/kg/day] <sup>-1</sup>	Carbaryl was classified as “likely to be carcinogenic to humans” based on an increased incidence of hemangiosarcomas in male mice	Carcinogenicity - mice

### DEEM™ Program and Consumption Information

Carbaryl acute and chronic dietary exposure assessments were conducted using the Dietary Exposure Evaluation Model (DEEM™) software Version 7.76, which incorporates consumption data from USDA’s

Continuing Surveys of Food Intake by Individuals (CSFII), 1989-1992. The 1989-92 data are based on the reported consumption of more than 10,000 individuals over three consecutive days, and therefore represent more than 30,000 unique “person days” of data. Foods “as consumed” (e.g., apple pie) are linked to raw agricultural commodities and their food forms (e.g., apples-cooked/canned or wheat-flour) by recipe translation files internal to the DEEM software. Consumption data are averaged for the entire US population and within population subgroups for chronic exposure assessment, but are retained as individual consumption events for acute exposure assessment. As requested by the registrant, separate assessments which shows the results using the newer 1994 -1998 consumption data were conducted.

For chronic exposure and risk assessment, an estimate of the residue level in each food or food-form (e.g., orange or orange-juice) on the commodity residue list is multiplied by the average daily consumption estimate for that food/food form. The resulting residue consumption estimate for each food/food form is summed with the residue consumption estimates for all other food/food forms on the commodity residue list to arrive at the total estimated exposure. Exposure estimates are expressed in mg/kg body weight/day and as a percent of the cPAD. This procedure is performed for each population subgroup.

For acute exposure assessments, individual one-day food consumption data are used on an individual-by-individual basis. The reported consumption amounts of each food item can be multiplied by a residue point estimate and summed to obtain a total daily pesticide exposure for a deterministic (Tier 1 or Tier 2) exposure assessment, or “matched” in multiple random pairings with residue values and then summed in a probabilistic (Tier 3/4) assessment. The resulting distribution of exposures is expressed as a percentage of the aPAD on both a user (i.e., those who reported eating relevant commodities/food forms) and a per-capita (i.e., those who reported eating the relevant commodities as well as those who did not) basis. In accordance with HED policy, per capita exposure and risk are reported for all tiers of analysis. However, for tiers 1 and 2, significant differences in user vs. per capita exposure and risk are identified and noted in the risk assessment.

HED notes that there is a degree of uncertainty in extrapolating exposures for certain population subgroups from the general U.S. population which may not be sufficiently represented in the consumption surveys, (e.g., nursing and non-nursing infants or Hispanic females). Therefore, risks estimated for these population subgroups were included in representative populations having sufficient numbers of survey respondents (e.g., all infants or females, 13-50 years).

## **Usage Information**

BEAD provided information (F. Hernandez, 7/21/98, Attachment 9) on the percent crop treated (%CT). For the chronic analysis, the weighted average %CT was incorporated; for the acute analysis, the estimated maximum %CT was used when appropriate.

In acute analyses (except blended commodities) the adjustment for %CT is incorporated in the residue distribution files (RDFs) via addition of zero residue values corresponding to the % of crop not treated. For blended/not further processed commodities where monitoring data are available, the entire distribution of monitoring data with no futher adjustment for %CT were used. For blended/processed commodities where monitoring data are available and for all blended commodities where field trial data were used, %CT is incorporated into a point estimate. For the chronic analyses, the %CT is listed as Adjustment Factor 2 in the DEEM analysis.

Use of usage information for assessments incorporating the CMBS are described below.

## Residue Data

Tolerances for residues of carbaryl are currently expressed in terms of carbaryl (1-naphthyl N-methylcarbamate), including its hydrolysis product 1-naphthol, calculated as carbaryl, for most raw crop commodities [40 CFR §180.169(a)]. The established tolerances for residues in/on pineapples, pome fruits, avocados, and fresh dill are expressed in terms of carbaryl *per se* [40 CFR §180.169(d) and (e)]. Tolerances for residues in livestock commodities are expressed as carbaryl, including its metabolites 1-naphthol (naphthyl sulfate), 5,6-dihydrodihydroxy carbaryl, and 5,6-dihydrodihydroxy naphthol, calculated as carbaryl [40 CFR §180.169(b) and (c)]. A tolerance for residues in pineapple bran is expressed in terms of carbaryl *per se* [40 CFR §186.550]. An interim tolerance has been established for carbaryl and its 1-naphthol metabolite in eggs [40 CFR §180.319].

For the purpose of reregistration, adequate magnitude of the residue data are available on the following crops: alfalfa, almond, asparagus, beans (dried and succulent), blueberry, broccoli, cabbage, celery, cherry, citrus fruits, clover, corn (sweet and field), cucurbits (cantaloupes, cucumbers and squash), cranberry, flax, grape, head and leaf lettuce, mustard greens, okra, peanut, peas (dried and succulent), pecan, pepper, pistachio, pome fruits, potato, prickly pear cactus, raspberry, rice, sorghum, soybean, spinach, stone fruits, strawberry, sunflower, sweet potato, tobacco, tomato, and walnut. Tolerances of 2 ppm and 10 ppm have been established for residues of carbaryl in pineapples and bananas, respectively. The registrant intends to support the tolerances for residues of carbaryl in/on these commodities as import tolerances.

Adequate field trial data depicting carbaryl residues following applications made according to the maximum or proposed use patterns have been submitted for these commodities. Geographical representation is adequate and a sufficient number of trials reflecting representative formulation classes were conducted. Carbaryl residues were <LOQ in/on sweet potato, sugar beets, corn grain, flax seed, and peanuts. Quantifiable residues were detected in all other raw agricultural commodities (RACs). For a given crop, residue levels were quite variable overall, probably owing to climactic variations, but were generally consistent within any specific field trial location.

Anticipated residue estimates are presented in Table 1a of Attachment 1 of this document. In general PDP data were used if available. Alternatively, FDA surveillance monitoring data from the years 1992-98 were used if sufficient samples were available. Finally, data from crop field trials were used if there were insufficient PDP or FDA monitoring data.

Adequate PDP monitoring data are available for the following commodities: potatoes, carrots, sweet potato, celery, spinach, lettuce (head), broccoli, succulent peas (processed), succulent beans, soybean, tomatoes, cantaloupe, winter squash, orange, orange juice, apple, apple juice, pear, peach, wheat, sweet corn, banana, grape, grape juice and milk. FDA monitoring data were used for the commodities, lettuce (leaf), cabbage, eggplant, succulent peas (fresh), non-bell pepper, bell pepper, cucumber, watermelon, summer squash, cherries, raspberry, blueberry, asparagus, cranberry, pineapple, and strawberry. Monitoring data were translated to similar crops when possible, generally according to the HED SOP 99.3 "Translation of Monitoring Data". See Table 1a of Attachment 1 for translations. Monitoring data from the years 1994 through 1998 (PDP) and the years 1992 through 1998 (FDA) were considered. Field trial data were used for the commodities, garden beets, turnips, mustards, dried beans, dried peas,

almonds, pecans, walnuts, field corn grain, rice, flax seed, okra, olive, peanuts, pistachio, sugar beets, and sunflower. For oysters and dill (fresh), tolerances of 2 ppm and 0.2 ppm, respectively was used in the assessment. These data are summarized in Attachment 1 below.

One half the weighted average of the limits of detection (LOD) will be used in the dietary assessment for all treated non-detectable (ND) residues. Detectable residues from composite monitoring data for non-blended food forms were used to generate residue values in single units using the methods described in the H. Allender paper dated 5/26/99 "Statistical methods for Use of Composite Data in Acute Dietary Risk Assessment." The "decomposed" residues were then included in residue distribution files (RDF) for the probabilistic analysis. Biological and Economic Analysis Division (BEAD)-supplied %CT which were incorporated into the anticipated residue or residue distribution file when appropriate.

### **Carbamate Market Basket Survey (CMBS)**

A separate dietary assessment was conducted utilizing the CMBS results. These data are currently under review by the Agency and have not been approved for use in dietary assessments. The CMBS Task Force conducted a year long, national survey of carbamate residues on selected food commodities purchased at grocery stores. Residue data from a market basket survey are considered close approximations to residues potentially found at most 'dinner plates' and is generally considered the most appropriate survey type for use in pesticide risk and exposure assessment. The CMBS collected up to 400 single-serve samples of 8 different crops (apple, banana, broccoli, grape, lettuce, orange, peach and tomato). These data are used in the acute dietary analysis directly via RDFs incorporating %CT for all food forms considered to be partially or not blended. For blended commodities, the entire distribution of data with no further adjustment for %CT was done. If CMBS data were not available, then PDP or FDA monitoring or field trial data were used. CMBS data were translated to similar commodities when feasible (Table 1b, Attachment 1); however, if PDP monitoring data were available for the processed commodity, then CMBS data were not translated (i.e., PDP orange juice data were used instead of CMBS data for oranges). The RDFs are shown in Attachment 1 of this document.

### **Processing Factors**

Most of the carbaryl processing factors (see Table 1) were obtained from processing studies submitted by the registrant either in response to the preliminary dietary risk assessment or those compiled in a memo entitled "Carbaryl Anticipated Residues for Carcinogenic Dietary Risk Assessment", S. Hummel, 12/3/93.

The rice processing factors were from a review by Thurston Morton (D216242, 9/17/98). Default processing factors were maintained for all commodities not included in Table 1 in this document.

### **Results**

This is a Tier 3/4 assessment, which is the most highly refined assessment that can be conducted at this time. Processing factors have been incorporated to the fullest extent possible. A sensitivity analysis, setting all non-detectable residue values to zero was conducted to test the relative contribution of 1/2 LOD residues to the dietary risk. These results are based on 1989 to 92 consumption data. When the assessments were done using the 1994 -1998 consumption data, no significant differences in dietary exposure were found.

HED has provided revised anticipated residues (ARs) for carbaryl based on USDA PDP and FDA monitoring data, field trial data, and CMBS data for the commodities listed in Table 1a and 1b of Attachment 1.

### **Chronic**

Chronic dietary risk estimates less than 100% of the cPAD are not of concern. Carbaryl estimated dietary exposure to the general US population and all population subgroups consumed <1% of the cPAD and are therefore not of concern. (Table 4 and Attachment 2).

### **Cancer**

The cancer dietary exposure assessment was conducted using the Q<sub>1</sub>\* approach. The Q<sub>1</sub>\* for carbaryl is  $8.75 \times 10^{-4}$ . Risks estimates above  $1 \times 10^{-6}$  are considered to be of concern. Results indicate a maximum lifetime risk of  $2.8 \times 10^{-8}$  for the general U.S. population. (Table 4 and Attachment 2).

**Table 4. Results of the Carbaryl Chronic and Cancer Dietary Analyses.**

Chronic				
Pop. Subgroup	1989-92		1994-1998	
	Exposure (mg/kg/day)	% cPAD	Exposure (mg/kg/day)	% cPAD
Gen. Population	0.000032	<1	0.000035	<1
All Infants	0.000054	<1	0.000059	<1
Children 1 - 6 years	0.000057	<1	0.000074	<1
Children 7 - 12 years	0.000036	<1	0.000034	<1
Females 13 - 50 years	0.000026	<1	0.000028	<1
Males 13-19 years	0.000022	<1	0.000026	<1
Males 20+ years	0.000031	<1	0.000032	<1
Seniors 55+	0.000031	<1	0.000030	<1
Cancer				
	Exposure (mg/kg/day)	Lifetime risk		
Gen. Population	0.000032	$2.8 \times 10^{-8}$	0.000035	$3.04 \times 10^{-8}$

## Acute

The acute dietary assessment resulted in risk estimates greater than 100% of the acute Population Adjusted Dose (aPAD) for the population subgroups, all infants and children (1 to 6 years old) at the 99.9th percentile of exposure (Table 5). The highest exposed subpopulation using PDP and FDA monitoring data was all infants at 133% of the aPAD. When CMBS data are incorporated, the acute risk estimates are below the Agency's level of concern (<100% aPAD<sup>1</sup>) at the 99.9<sup>th</sup> exposure percentile for the general U.S. population (46% of the aPAD) and all population subgroups (Table 6). The acute dietary exposure estimates for the highest exposed population subgroups, all infants (<1 years old) and children are 73% of the aPAD. Peaches and apples were found to be the most significant contributor to the risk estimate. (Attachments 3, 6, 7 and 8).

## Characterization/Uncertainties of the Risk Estimates

- No detectable residues were found in/on several commodities: carrots, chicory, flax seed, horseradish, parsnip, salsify, potato, celery, canned spinach, head lettuce, leaf lettuce, rhubarb, sugarbeets, Swiss chard, Brussels sprouts, cabbage, kohlrabi, soybean, corn, banana, peanuts, meat, meat fat, and milk. Sensitivity analyses conducted by eliminating crops where no detectable residues were found showed that risk estimates were not significantly affected by assuming zero

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<sup>1</sup>aPAD/cPAD = acute/chronic Population Adjusted Dose =  $\frac{\text{Acute or Chronic RfD}}{\text{FQPA Safety Factor}}$

in place of 1/2 LOD on samples reported as ND. (Attachments 5).

- The consumption database used in the dietary exposure analysis, CSFII 1989-1992, has a limited number of individuals for the age group infants less than one year old. The USDA has conducted the Supplemental Children's Survey (approximately 5000 children) which will be available for use in the near future.
- The results of the Critical Exposure Contribution analysis showed that peaches and apples comprised a large percentage of the residues found in the tail end of acute exposure (Attachments 4) for children and infants, respectively.
- Detectable residues from composite monitoring data for non-blended food forms were used to generate residue values in single units using the methods described in the H. Allender paper dated 5/26/99 "Statistical methods for Use of Composite Data in Acute Dietary Risk Assessment." The "decomposed" residues were then included in residue distribution files (RDF) for the probabilistic analysis. Although there is a statistical basis for using these data, some degree of uncertainty can be associated with this method.

**Table 5. Results of the Carbaryl Acute Dietary Analyses (Market Survey Data Not Included)**

All Commodities (1989- 92 Consumption Data)						
Pop. Subgroup	99.9 th Percentile		99 th Percentile		95 th Percentile	
	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD
Gen. Population	0.005989	60	0.001381	14	0.000505	5
All Infants	0.013251	133	0.003683	37	0.000864	9
Children 1 - 6	0.010974	110	0.002552	26	0.001309	13
Children 7 - 12	0.008721	87	0.001644	16	0.000722	7
Females 13 - 50	0.004444	44	0.000918	9	0.000318	3
Males 13-19 yrs	0.003596	36	0.000899	9	0.000428	4
Males 20+ yrs	0.004223	42	0.000929	9	0.000318	3
Seniors 55+ yrs	0.005789	58	0.001068	11	0.000307	3
All Commodities (1994-98 Consumption Data)						
Pop. Subgroup	99.9 th Percentile		99 th Percentile		95 th Percentile	
	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD
Gen. Population	0.006150	62	0.001467	15	0.000508	5
All Infants	0.013420	134	0.004027	40	0.000922	9
Children 1 - 6	0.013812	138	0.003282	33	0.001460	15
Children 7 - 12	0.007073	71	0.001473	15	0.000685	7
Females 13 - 50	0.004794	48	0.000997	10	0.000322	3
Males 13-19 yrs	0.005181	52	0.000929	9	0.000420	4
Males 20+ yrs	0.003940	39	0.000922	9	0.000336	3
Seniors 55+ yrs	0.005442	54	0.001003	10	0.000313	3

**Table 6. Results of the Carbaryl Acute Dietary Analyses (Market Basket Survey Data Included)**

All Commodities (1989-92 Consumption Data)						
Pop. Subgroup	99.9 th Percentile		99 th Percentile		95 th Percentile	
	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD
Gen. Population	0.004623	46	0.001241	12	0.000462	5
All Infants	0.007272	73	0.002875	29	0.000593	6
Children 1 - 6	0.007344	73	0.002280	23	0.001241	12
Children 7 - 12	0.006238	62	0.001345	13	0.000680	7
Females 13 - 50	0.003546	35	0.000858	9	0.000299	3
Males 13-19 yrs	0.002723	27	0.000815	8	0.000409	4
Males 20+ yrs	0.003423	34	0.000836	8	0.000297	3
Seniors 55+ yrs	0.004810	48	0.000905	9	0.000275	3
All Commodities (1994-98 Consumption data)						
Pop. Subgroup	99.9 th Percentile		99 th Percentile		95 th Percentile	
	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD
Gen. Population	0.004865	49	0.001303	13	0.000465	5
All Infants	0.008091	81	0.002630	26	0.000650	7
Children 1 - 6	0.009481	95	0.002799	28	0.001348	13
Children 7 - 12	0.004921	49	0.001214	12	0.000643	6
Females 13 - 50	0.004224	42	0.000878	9	0.000298	3
Males 13-19 yrs	0.004515	45	0.000867	9	0.000402	4
Males 20+ yrs	0.003359	34	0.000831	8	0.000311	3
Seniors 55+ yrs	0.004649	46	0.000819	8	0.000279	3

**Table 7. Results of the Carbaryl Sensitivity Analyses.**

Acute - All Commodities at the 99.9th percentile of exposure (Market Basket Survey Data <u>Not Included</u> )								
Pop. Subgroup	All commodities		Eliminating Peaches		Eliminating Apples		Eliminating Commodities with No Detectable Residues	
	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD	Exposure (mg/kg/day)	% aPAD
Gen. Population	0.005989	60	0.005451	55	0.004943	49	0.005870	59
All Infants	0.013251	133	0.007188	72	0.011784	118	0.012965	130
Children 1 - 6	0.010974	110	0.010164	102	0.008201	82	0.0010765	108
Children 7 - 12	0.008721	87	0.008243	82	0.006867	69	0.008555	86
Females 13 - 50	0.004444	44	0.004262	43	0.003890	39	0.004434	44
Males 13-19 yrs	0.003596	36	0.003535	35	0.003014	30	0.003802	38
Males 20+ yrs	0.004223	42	0.003949	39	0.003575	36	0.004178	42
Seniors 55+ yrs	0.005789	58	0.005456	55	0.005094	51	0.005703	57

## Attachments

- Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files
- Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities
- Attachment 3: Acute Dietary Exposure Analysis : All Commodities
- Attachment 4: Acute - Critical Exposure Contribution Analysis
- Attachment 5: Acute Dietary Exposure Analysis : Excluding all Commodities with No detects
- Attachment 6: Acute Dietary Exposure Analysis : Excluding Peaches
- Attachment 7: Acute Dietary Exposure Analysis : Excluding Apples
- Attachment 8: Acute Dietary Exposure Analysis : Market Basket Survey - All Commodities
- Attachment 9: Quantitative Usage Analysis (QUA)

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

**Table 1a: Summary of Anticipated Residues for Carbaryl (Market Basket Data not included)**

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
<b>Crop Group 1: Root and Tuber vegetable</b>								
Beets, garden (roots)	11-Uncooked 14-Boiled	2	garden beets FT	0.024	RDF #1	NB	17	27
Beets, garden (roots)	31-Canned: NFS 32-Canned: Cooked 51-Cured: NFS (smoked/pickled/	2	garden beets FT	0.024	RDF #1	PB	17	27
Carrots	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	2	carrots PDP	0.0116	RDF # 2	NB	4	6
Carrots	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked 44-Frozen: Boiled	2	carrots PDP	0.0116	RDF #2	PB	4	6
Horseradish	12-Cooked: NFS 14-Boiled	2	carrots PDP	0.0116	RDF #3	NB	1 <sup>3</sup>	2
Horseradish	34-Canned: Boiled 51-Cured: NFS (smoked/pickled/	2	carrots PDP	0.0116	RDF #3	PB	1 <sup>3</sup>	2
Parsnips	14-Boiled	2	carrots PDP	0.0116	RDF #3	NB	1 <sup>3</sup>	2
Potatoes/white-dry	12-Cooked: NFS 14-Boiled 15-Fried 31-Canned: NFS 34-Canned: Boiled 42-Frozen: Cooked	2	potato PDP	0.0119	PE = 0.00036	B	2	3
Potatoes/white-peel only	13-Baked 15-Fried	2	potato PDP	0.0119	RDF # 4	NB	2	3
Potatoes/white-peeled	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	2	potato PDP	0.0119	RDF # 4	NB	2	3

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
	32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked 43-Frozen: Baked 45-Frozen: Fried			0.0119	RDF # 4	PB	2	3
Potatoes//white-unspecified	31-Canned: NFS			0.0119	RDF # 4	PB	2	3
Potatoes/white-whole	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	2	potato PDP	0.0119	RDF # 4	NB	2	3
	31-Canned: NFS			0.0119	RDF # 4	PB	2	3
Radishes	11-Uncooked 12-Cooked: NFS	2	garden beets FT	0.024	RDF #5	PB	1 <sup>3</sup>	2
Radish, Chinese	12-Cooked: NFS Radishes-oriental	2	garden beets FT	0.024	RDF #5	NB	1 <sup>3</sup>	2
Rutabagas	Rutabagas-roots	2	turnips FT	0.121	RDF # 6	NB	1 <sup>3</sup>	2
Salsify (roots)	Salsify(oyster plant)	2	carrot PDP	0.0116	RDF #3	NB	1 <sup>3</sup>	2
Sugar Beets (inc. molasses)	98-Refined	0.5	sugar beets FT	0.01	0.0004	B	2	4
Sweet potatoes	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	0.2	sweet potato PDP	0.0065	RDF #7	NB	18	41
	32-Canned: Cooked 34-Canned: Boiled		sweet potato PDP	0.0065	RDF #7	PB	18	41
Turnips, roots	11-Uncooked 12-Cooked: NFS 14-Boiled	2	turnips FT	0.121	RDF # 6	NB	1 <sup>3</sup>	2
<b>Crop Group 2: Leaves of Root and Tuber Vegetables</b>								
Beets, garden (tops)	11-Uncooked 14-Boiled	75	garden beets FT	10.14	RDF #8	PB	17	27
Radish - Tops	Radishes-tops	75	garden beets FT	10.14	RDF #9	PB	1 <sup>3</sup>	2
Rutabaga - Tops	12-Cooked: NFS	75	Turnip tops FT	15.3	RDF #10	PB	1 <sup>3</sup>	2
Turnips, tops	14-Boiled 32-Canned: Cooked 44-Frozen: Boiled	75	turnip tops FT	15.3	RDF #10	PB	1 <sup>3</sup>	2
<b>Crop Group 4: Leafy Vegetables (except Brassica Vegetables)</b>								
Celery	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	3	Celery PDP	0.0152	RDF # 11	NB	3	6

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked	3	Celery PDP	0.0152	RDF # 11	PB	3	6
Celery Juice	31-Canned: NFS	3	Celery PDP	0.0152	RDF # 11	PB	3	6
Dandelions	11-Uncooked	22	Spinach PDP	0.0082	RDF # 12	PB	1 <sup>3</sup>	2
Endive (escarole)	11-Uncooked 12-Cooked: NFS	10	Leaf Lettuce FDA	0.001	RDF # 15	PB	1 <sup>3</sup>	2
Lettuce - head	11-Uncooked	10	Lettuce PDP	0.0169	RDF #14	NB	3	8
Lettuce - leaf	11-Uncooked	10	Leaf Lettuce FDA	0.001	RDF # 15	PB	1 <sup>3</sup>	2
Lettuce (unspecified)	31-Canned: NFS	10	Lettuce - PDP	0.0169	RDF #14	PB	3	8
Parsley	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled	22	Spinach PDP	0.0082	RDF # 12	PB	1 <sup>3</sup>	2
Rhubarb	12-Cooked: NFS 13-Baked	3	Celery PDP	0.015	RDF #16	NB	1 <sup>3</sup>	2
	43-Frozen: Baked	3	Celery PDP	0.015	RDF #16	PB	1 <sup>3</sup>	2
Spinach	11-Uncooked 12-Cooked: NFS 14-Boiled 42-Frozen: Cooked 44-Frozen: Boiled	22	Spinach PDP	0.0082	RDF # 12	PB	1 <sup>3</sup>	2
	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled	22	Canned Spinach PDP	0.006	RDF #13	PB	1 <sup>3</sup>	2
Swiss chard	11-Uncooked 14-Boiled	3	Celery PDP	0.015	RDF # 16	NB	1 <sup>3</sup>	2
<b>Crop Group 5: Brassica Leafy vegetables</b>								
Broccoli	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	10	Broccoli PDP	0.013	RDF #17	NB	4	9
	32-Canned: Cooked 42-Frozen: Cooked 44-Frozen: Boiled	10	Broccoli PDP	0.013	RDF # 17	PB	4	9
Brussels Sprouts	14-Boiled 42-Frozen: Cooked	10	Cabbage FDA	0.001	RDF #18	PB	33	67

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Cabbage	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	21	Cabbage FDA	0.001	RDF # 19	NB	2	4
	31-Canned: NFS 32-Canned: Cooked 51-Cured: NFS (smoked/pickled/	21	Cabbage FDA	0.001	RDF # 19	PB	2	4
Cauliflower	11-Uncooked 12-Cooked: NFS 14-Boiled 15-Fried	10	Broccoli PDP	0.013	RDF # 20	NB	2	4
	42-Frozen: Cooked	10	Broccoli PDP	0.012	RDF #20	PB	2	4
Collards	42-Frozen: Cooked	10	Mustard FT	2.78	RDF # 21	PB	4	10
Kale	12-Cooked: NFS 14-Boiled 32-Canned: Cooked	10	Mustard FT	2.78	RDF # 22	PB	1 <sup>3</sup>	2
Kohlrabi	14-Boiled	10	Cabbage FDA	0.001	RDF # 23	NB	1 <sup>3</sup>	2
Mustard greens	14-Boiled	10	Mustard FT	2.78	RDF # 22	PB	1 <sup>3</sup>	2
<b>Crop Group 6: Legume Vegetables (Succulent or Dried)</b>								
Beans-dry-black-eyed peas/cowpea	<b>14-Boiled</b>	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-broadbeans	14-Boiled	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-garbanzo/chick pea	12-Cooked: NFS 14-Boiled 15-Fried 32-Canned: Cooked	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-great northern	32-Canned: Cooked	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-hyacinth		1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-kidney	12-Cooked: NFS 13-Baked 14-Boiled 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-lima	14-Boiled 32-Canned: Cooked	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-navy (pea)	32-Canned: Cooked 34-Canned: Boiled	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-other	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 34-Canned: Boiled	1	Dried Beans FT	0.067	0.002	B	1	3

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Beans-dry-pigeon beans		1	Dried Beans FT	0.067	0.002	B	1	3
Beans-dry-pinto	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 32-Canned: Cooked 42-Frozen: Cooked	1	Dried Beans FT	0.067	0.002	B	1	3
Beans-succulent-broadbeans		10	Succulent Beans PDP	.0.023	RDF # 24	PB	14	21
Beans-succulent-green	11-Uncooked 12-Cooked: NFS 14-Boiled	10	Succulent Beans PDP	.0.023	RDF # 24	PB	14	21
	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked 44-Frozen: Boiled 51-Cured: NFS (smoked/pickled/	10	Processed Succulent Beans PDP	0.012	RDF #25	PB	10	16
Beans-succulent-hyacinth		10	Succulent Beans PDP	0.023	RDF # 24	PB	14	21
Beans-succulent-lima	11-Uncooked 12-Cooked: NFS 14-Boiled 32-Canned: Cooked 42-Frozen: Cooked 44-Frozen: Boiled	10	Processed Succulent Beans PDP	0.012	RDF #26	PB	13	30
Beans-succulent-other	34-Canned: Boiled	10	Processed Succulent Beans PDP	0.012	RDF #25	PB	10	16
Beans-succulent-yellow/wax	14-Boiled	10	Succulent Beans PDP	0.023	RDF # 24	PB	14	21
	32-Canned: Cooked 42-Frozen: Cooked	10	Processed Succulent Beans PDP	0.012	RDF #25	PB	10	16
Beans-unspecified		10	Succulent Beans PDP	0.0.023	RDF # 24	PB	14	21
Lentils	14-Boiled	1	Dried Beans FT	0.067	0.002	B	1	3
Mung Bean (SPROUTS)	11-Uncooked 12-Cooked: NFS 14-Boiled 15-Fried	1	Dried Beans FT	0.067	0.002	B	1	3
Peas-succulent/black-eyed/cowpea	12-Cooked: NFS 14-Boiled	10	Peas - FDA	0.13	RDF # 27	PB	2	7
	32-Canned: Cooked 42-Frozen: Cooked	10	Peas - PDP	0.0127	RDF # 28	PB	1	5

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Peas (garden)-green	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	10	Peas - FDA	0.13	RDF # 27	PB	2	7
	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked 44-Frozen: Boiled 45-Frozen: Fried	10	Peas - PDP	0.0127	RDF # 28	PB	1	5
Snowpeas	11-Uncooked 12-Cooked: NFS 14-Boiled 15-Fried	10	Peas FDA	0.13	RDF #27	PB	1	5
	42-Frozen: Cooked	10	Peas PDP	0.0127	RDF # 28	PB		
Peas (garden)-dry	12-Cooked: NFS 14-Boiled 31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled	1	Dry Peas - FT	0.146	0.013	B	3	9
Soybeans-other		0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
Soybeans-flour (defatted)	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 34-Canned: Boiled 42-Frozen: Cooked 98-Refined	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
Soybeans-flour (full fat)	12-Cooked: NFS 13-Baked 14-Boiled 34-Canned: Boiled 42-Frozen: Cooked	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
Soybeans-flour (low fat)	12-Cooked: NFS 13-Baked 15-Fried 31-Canned: NFS	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
Soybeans-mature seeds dry	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 41-Frozen: NFS	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
Soybeans-oil	98-Refined	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Soybeans-protein isolate	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 41-Frozen: NFS 42-Frozen: Cooked 51-Cured: NFS (smoked/pickled/	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
Soybeans-sprouted seeds	14-Boiled	0.5	Soybeans - PDP	0.0015	0.000015	B	1	1
<b>Crop Group 8: Fruiting Vegetables (except Cucurbits) Group</b>								
Eggplants	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	5	Sweet pepper-FDA	0.005	RDF # 29	NB	9	21
Peppers-chilli incl jalapeno	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	5	Hot Pepper - FDA	0.108	RDF # 30	NB	1 <sup>3</sup>	2
Peppers-chilli incl jalapeno	31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 42-Frozen: Cooked 51-Cured: NFS (smoked/pickled/ 52-Cured: Cooked(smokd/pickld/ 60-Canned: Cured	5	Hot Pepper - FDA	0.108	RDF # 30	PB	1 <sup>3</sup>	2
Peppers-sweet(garden)	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	5	Sweet Pepper - FDA	0.02	RDF # 31	NB	13	30
Peppers-sweet(garden)	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked 51-Cured: NFS (smoked/pickled/	5	Sweet Pepper - FDA	0.02	RDF # 31	PB	13	30
Peppers - Other	11-Uncooked	5	Hot Pepper - FDA	0.108	RDF # 30	NB	1 <sup>3</sup>	2
Pimiento	12-Cooked: NFS 14-Boiled	5	Hot Pepper - FDA	0.108	RDF # 30	NB	1 <sup>3</sup>	2
	31-Canned: NFS 60-Canned: Cured	5	Hot Pepper - FDA	0.108	RDF # 30	NB	1 <sup>3</sup>	2
Paprika	12-Cooked: NFS	5	Hot Pepper - FDA	0.108	RDF # 30	NB	1 <sup>3</sup>	2
Tomato -Catsup	34-Canned: Boiled	5	Tomato PDP	0.0044	RDF # 32	PB	15	27

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Tomatoes-dried	12-Cooked: NFS 15-Fried	5	Tomato PDP	0.0044	RDF # 32	PB	15	27
Tomatoes-juice	31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked	5	Tomato PDP	0.0044	RDF # 32	PB	15	27
Tomatoes-paste	14-Boiled 31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 42-Frozen: Cooked	5	Tomato PDP	0.0044	RDF # 32	PB	15	27
Tomatoes-puree	12-Cooked: NFS 14-Boiled 31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 42-Frozen: Cooked	5	Tomato PDP	0.0044	RDF # 32	PB	15	27
Tomatoes-whole	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	5	Tomato PDP	0.0044	RDF # 33	NB	5	11
Tomatoes-whole	31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 42-Frozen: Cooked	5	Tomato PDP	0.0044	RDF # 32	PB	15	27
<b>Crop Group 9: Cucurbit Vegetables</b>								
Cucumbers	11-Uncooked	3	Cucumbers-FDA	0.0033	RDF # 34	NB	14	32
	34-Canned: Boiled 60-Canned: Cured	3	Cucumbers-FDA	0.0033	RDF #34	PB	14	32
Bitter melon	12-Cooked: NFS	3	Cantaloupe - PDP	0.0056	RDF #35	NB	1 <sup>3</sup>	2
Melons-cantaloupes-juice		3	Cantaloupe - PDP	0.0056	RDF # 36	PB	7	9
Melons-cantaloupes-pulp	11-Uncooked	3	Cantaloupe - PDP	0.0056	RDF # 36	NB	7	9
Melons - Casaba	11-Uncooked	3	Cantaloupe - PDP	0.0056	RDF # 35	NB	1	2a
Melons - Crenshaw		3	Cantaloupe - PDP	0.0056	RDF # 35	NB	1	2a
Melons-honeydew	11-Uncooked	3	Cantaloupe - PDP	0.0056	RDF # 37	NB	19	44
Melons-persian		3	Cantaloupe - PDP	0.0056	RDF #35	NB	1 <sup>3</sup>	2
Watermelon	11-Uncooked	3	Watermelon - FDA	0.0019	RDF #38	NB	13	15
Watermelon-juice		3	Watermelon - FDA	0.0019	RDF #38	PB	13	15
Wintermelon	14-Boiled	3	Cantaloupe - PDP	0.0056	RDF #35	NB	1 <sup>3</sup>	2
Casabas	11-Uncooked	3	Cantaloupe - PDP	0.0056	RDF #35	NB	1 <sup>3</sup>	2

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Pumpkins	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	3	Winter Squash PDP	0.006	RDF # 39	NB	31	56
	33-Canned: Baked 34-Canned: Boiled	3	Winter Squash PDP	0.006	RDF # 39	PB	31	56
Squash, winter (includes spaghetti squash)	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	3	Winter Squash - PDP	0.006	RDF # 40	NB	11	27
Squash, summer	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	3	Summer Squash FDA	0.016	RDF # 41	NB	11	27
	34-Canned: Boiled 42-Frozen: Cooked 51-Cured: NFS (smoked/pickled/)	3	Summer Squash FDA	0.016	RDF # 41	PB	11	27
<b>Crop Group 10: Citrus Fruits</b>								
Citrus citron	13-Baked 14-Boiled	10	Orange - PDP	0.013	RDF #42	PB	1 <sup>3</sup>	2
Grapefruit peel		10	Orange - PDP	0.013	RDF #42	PB	4	6
Grapefruit-juice	11-Uncooked 31-Canned: NFS	10	Orange juice - PDP	0.006	RDF #43	PB	4	6
Grapefruit-juice-concentrate	41-Frozen: NFS	10	Orange juice - PDP	0.006	RDF #43	PB	4	6
Grapefruit-peeled fruit	11-Uncooked 12-Cooked: NFS	10	Orange - PDP Decomposed	0.013	RDF #45	NB	4	6
Grapefruit-peeled fruit	31-Canned: NFS	10	Orange - PDP	0.006	RDF #42	PB	4	6
Kumquats		10	Orange - PDP	0.013	RDF #42	PB	1 <sup>3</sup>	2
Lemons-juice	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 41-Frozen: NFS 42-Frozen: Cooked	10	Orange juice - PDP	0.006	RDF #44	PB	3	7
Lemons-juice-concentrate	12-Cooked: NFS 13-Baked 14-Boiled 31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	10	Orange juice- PDP	0.006	RDF #44	PB	3	7

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Lemons-peel	11-Uncooked 13-Baked 14-Boiled 31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	10	Orange - PDP	0.013	RDF #42	PB	3	7
Lemons-peeled fruit	11-Uncooked 12-Cooked: NFS	10	Orange - PDP Decomposed	0.013	RDF #45	NB	3	7
Lemons-peeled fruit	31-Canned: NFS	10	Orange - PDP	0.013	RDF #42	PB	3	7
Limes-juice	11-Uncooked 31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 41-Frozen: NFS	10	Orange juice - PDP	0.006	RDF #46	PB	1 <sup>3</sup>	2
Limes-juice-concentrate	12-Cooked: NFS 41-Frozen: NFS	10	Orange juice - PDP	0.006	RDF #46	PB	1 <sup>3</sup>	2
Limes-peel	13-Baked 14-Boiled	10	Orange - PDP	0.013	RDF #42	PB	1 <sup>3</sup>	2
Limes-peeled fruit	11-Uncooked	10	Orange - PDP Decomposed	0.013	RDF #45	NB	1 <sup>3</sup>	2
Oranges-juice	11-Uncooked 12-Cooked: NFS 31-Canned: NFS 41-Frozen: NFS	10	Orange juice- PDP	0.006	RDF #47	PB	3	5
Oranges-juice-concentrate	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 31-Canned: NFS 41-Frozen: NFS 42-Frozen: Cooked	10	Orange juice - PDP	0.006	RDF #47	PB	3	5
Oranges-peel	11-Uncooked 12-Cooked: NFS 31-Canned: NFS 41-Frozen: NFS	10	Orange - PDP	0.013	RDF #42	PB	3	5
Oranges-peeled fruit	11-Uncooked 12-Cooked: NFS	10	Orange - PDP Decomposed	0.013	RDF #45	NB	3	5
Oranges-peeled fruit	31-Canned: NFS	10	Orange - PDP	0.013	RDF #42	PB	3	5
Tangelos		10	Orange - PDP Decomposed	0.013	RDF #45	NB	1 <sup>3</sup>	2
Tangerine	11-Uncooked	10	Orange - PDP Decomposed	0.013	RDF #45	NB	1 <sup>3</sup>	2
	31-Canned: NFS 41-Frozen: NFS	10	Orange - PDP	0.013	RDF #42	PB	1 <sup>3</sup>	2

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Tangerines-juice	11-Uncooked 31-Canned: NFS 41-Frozen: NFS	10	Orange juice - PDP	0.006	RDF #46	PB	1 <sup>3</sup>	2
Tangerines-juice-concentrate		10	Orange juice- PDP	0.006	RDF #46	PB	1 <sup>3</sup>	2
<b>Crop Group 11: Pome Fruits Group</b>								
Apples	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	12	Apple PDP Decomposed	0.03	RDF # 48	NB	23	31
	18-Dried	12	Apple PDP	0.03	0.009	B	23	31
	31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 42-Frozen: Cooked	12	Apple PDP	0.03	RDF #49	PB	23	31
Apples-dried	13-Baked 14-Boiled 18-Dried 42-Frozen: Cooked	12	Apple PDP	0.03	RDF #49	PB	23	31
Apples-juice/cider	11-Uncooked 12-Cooked: NFS 14-Boiled 31-Canned: NFS 41-Frozen: NFS	12	Apple juice PDP	0.010	RDF #50	PB	23	31
Apples-juice-concentrate	12-Cooked: NFS 13-Baked 31-Canned: NFS 41-Frozen: NFS	12	Apple juice PDP	0.010	RDF #50	PB	23	31
Pears	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	12	Pear PDP Decomposite	0.0098	RDF #51	NB	3	6
	31-Canned: NFS	12	Pear PDP	0.0098	RDF #52	PB	3	6
Pears-dried	13-Baked 14-Boiled 18-Dried	12	Pear PDP	0.0098	RDF #52	PB	3	6
Pears-juice	11-Uncooked 12-Cooked: NFS 13-Baked 31-Canned: NFS 33-Canned: Baked 41-Frozen: NFS 42-Frozen: Cooked	12	Pear PDP	0.0098	RDF #52	PB	3	6
Quinces		12	Pear PDP	0.0098	RDF #53	NB	1 <sup>3</sup>	2
Loquat		12	Pear PDP	0.0098	RDF #53	NB	1 <sup>3</sup>	2
Crabapples	31-Canned: NFS	12	Apple PDP	0.033	RDF #54	PB	1 <sup>3</sup>	2

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
<b>Crop Group 12: Stone Fruits Group</b>								
Apricot juice	11-Uncooked 12-Cooked: NFS 31-Canned: NFS 42-Frozen: Cooked	10	Peaches PDP	0.07	RDF # 55	PB	1 <sup>3</sup>	2
Apricots	11-Uncooked 12-Cooked: NFS 14-Boiled	10	Peaches PDP	0.07	RDF # 56	NB	1 <sup>3</sup>	2
	31-Canned: NFS 34-Canned: Boiled	10	Peaches PDP	0.07	RDF # 55	PB	1 <sup>3</sup>	2
Apricots-dried	13-Baked 14-Boiled 18-Dried	10	Peaches PDP	0.07	RDF # 55	PB	1 <sup>3</sup>	2
Cherries	11-Uncooked	10	Cherries FDA	0.127	RDF #57	PB	25	36
	12-Cooked: NFS 13-Baked 14-Boiled 31-Canned: NFS 33-Canned: Baked 41-Frozen: NFS	10	Cherries FDA	0.127	RDF #58	PB	12	24
Cherries-dried		10	Cherries FDA	0.127	RDF #57	PB	25	36
Cherries-juice	13-Baked 14-Boiled 31-Canned: NFS 41-Frozen: NFS	10	Cherries FDA	0.127	RDF #58	PB	12	24
Nectarines	11-Uncooked	10	Peaches PDP	0.07	RDF #59	NB	12	24
Peaches	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	10	Peaches PDP	0.07	RDF #60	NB	15	18
	31-Canned: NFS 41-Frozen: NFS	10	Peaches PDP	0.07	RDF #61	PB	15	18
Peaches-dried	14-Boiled 18-Dried	10	Peaches PDP	0.07	RDF #61	PB	15	18
Peaches-juice	11-Uncooked 31-Canned: NFS	10	Peaches PDP	0.07	RDF #61	PB	15	18
Plums (damsons)	11-Uncooked 12-Cooked: NFS	10	Peaches PDP	0.07	RDF # 96	NB	5	9
	31-Canned: NFS 42-Frozen: Cooked 51-Cured: NFS (smoked/pickled/	10	Peaches PDP	0.07	RDF # 62	PB	5	9
Plums/prune-juice	11-Uncooked 31-Canned: NFS	10	Peaches PDP	0.07	RDF # 62	PB	5	9
Plums-prunes (dried)	13-Baked 14-Boiled 18-Dried 31-Canned: NFS	10	Peaches PDP	0.07	RDF # 62	PB	5	9
<b>Crop Group 13: Berries Group</b>								

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Blackberries	11-Uncooked 13-Baked 14-Boiled 31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	12	Raspberry FDA	0.09	RDF # 63	PB	28	44
Blackberries-juice	11-Uncooked 31-Canned: NFS	12	Raspberry FDA	0.09	RDF #63	PB	28	44
Blueberries	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 41-Frozen: NFS	3	Blueberry FDA	0.09	RDF # 64	PB	22	45
Boysenberries	31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	12	Raspberry FDA	0.09	RDF #65	PB	1 <sup>3</sup>	2
Currant	11-Uncooked	3	Blueberry FDA	0.09	RDF #66	PB	1 <sup>3</sup>	2
Dewberries	Dewberries	12	Raspberry FDA	0.09	RDF #65	PB	1 <sup>3</sup>	2
Elderberry	Elderberries	3	Blueberry FDA	0.09	RDF #66	PB	1 <sup>3</sup>	2
Gooseberry	Gooseberries	3	Blueberry FDA	0.09	RDF #66	PB	1 <sup>3</sup>	2
Huckleberry	Huckleberries	3	Blueberry FDA	0.09	RDF #66	PB	1 <sup>3</sup>	2
Loganberries	Loganberries	12	Raspberry FDA	0.09	RDF #65	PB	1 <sup>3</sup>	2
Raspberries	11-Uncooked 13-Baked 14-Boiled 31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	12	Raspberry FDA	0.09	RDF #67	PB	4	10
Youngberries		12	Raspberry FDA	0.09	RDF #65	PB	1 <sup>3</sup>	2
<b>Crop Group 14: Tree Nuts</b>								
Almonds	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 18-Dried 41-Frozen: NFS	0.1	Almond FT	0.059	RDF #68	PB	2	4
Chestnuts	14-Boiled 12-Cooked: NFS 13-Baked	0.1	Almond FT	0.059	RDF #69	PB	1 <sup>3</sup>	2
Filberts (hazelnuts)	11-Uncooked 13-Baked 14-Boiled	0.1	Pecan FT	0.022	RDF #70	PB	4	12
Pecans	11-Uncooked 13-Baked 14-Boiled	0.1	Pecan FT	0.022	RDF #71	PB	20	24

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Walnuts	11-Uncooked 12-Cooked: NFS 13-Baked	1.0	Walnut FT	0.27	RDF #72	PB	1	2
Walnut oil		1.0	Walnut FT	0.27	0.0054	B	1	2
<b>Crop Group 15: Cereal Grains</b>								
Corn, fresh (including sweet) K + CWHR	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	0.1	Corn PDP	0.0085	RDF # 73	NB	1	1
	32-Canned: Cooked 34-Canned: Boiled 35-Canned: Fried 42-Frozen: Cooked	0.1	Corn PDP	0.0085	RDF # 73	PB	1	1
Corn grain-endosperm	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 41-Frozen: NFS 42-Frozen: Cooked 43-Frozen: Baked 45-Frozen: Fried 99-Alcohol/Fermented/ Distilled	0.02	Corn FT	0.01	0.0001	B	1	1
Corn grain-oil	98-Refined	0.02	Corn FT	0.01	0.0001	B	1	1
Corn grain-bran	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS	0.02	Corn FT	0.01	0.0001	B	1	1
Corn grain/sugar-molasses	12-Cooked: NFS 41-Frozen: NFS	0.02	Corn FT	0.01	0.0001	B	1	1
Corn grain/sugar/hfcs	98-Refined	0.02	Corn FT	0.01	0.0001	B	1	1
Corn, popcorn	12-Cooked: NFS 13-Baked	0.02	Corn FT	0.01	0.0001	B	1	1
Millet, proso, grain	13-Baked	1	Wheat PDP	0.0015	0.000015	B	1	1
Rice-milled (white)	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 32-Canned: Cooked 34-Canned: Boiled 42-Frozen: Cooked 99-Alcohol/Fermented/ Distilled	15	Rice FT	7.4	0.074	B	1	1

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Rice-bran	11-Uncooked 12-Cooked: NFS 13-Baked 15-Fried 31-Canned: NFS	15	Rice FT	7.4	0.074	B	1	1
Rice-rough (brown)	12-Cooked: NFS 13-Baked 14-Boiled 99-Alcohol/Fermented/ Distilled	15	Rice FT	7.4	0.074	B	1	1
Sorghum, grain	14-Boiled	10	Wheat PDP	0.0015	0.000015	B	1	1
Wheat-flour	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 31-Canned: NFS 32-Canned: Cooked 33-Canned: Baked 34-Canned: Boiled 41-Frozen: NFS 42-Frozen: Cooked 43-Frozen: Baked 45-Frozen: Fried 52-Cured: Cooked(smokd/pickld/	1	Wheat PDP	0.0015	0.000015	B	1	1
Wheat-bran	11-Uncooked 12-Cooked: NFS 13-Baked	1	Wheat PDP	0.0015	0.000015	B	1	1
Wheat-germ	12-Cooked: NFS 13-Baked 14-Boiled	1	Wheat PDP	0.0015	0.000015	B	1	1
Wheat-germ oil	13-Baked	1	Wheat PDP	0.0015	0.000015	B	1	1
Wheat-rough	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	1	Wheat PDP	0.0015	0.000015	B	1	1
<b>Crop Group 19: Herbs ans Spices</b>								
Dill (fresh)	13-Baked 14-Boiled	0.2	Tolerance	0.2	0.004	B	1 <sup>3</sup>	2
<b>Miscellaneous Commodities</b>								
Asparagus	11-Uncooked 14-Boiled	15	Asparagus FDA	0.0032	RDF # 74	NB	43	87
	32-Canned: Cooked 42-Frozen: Cooked	15	Asparagus FDA	0.0032	RDF # 74	PB	43	87
Bananas Imports only	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 15-Fried	TBD	Bananas - PDP	0.01	RDF # 75	NB	100	100
	31-Canned: NFS 32-Canned: Cooked	TBD	Bananas - PDP	0.01	RDF # 75	PB	100	100

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Bananas-dried	13-Baked 15-Fried 18-Dried 32-Canned: Cooked	TBD	Bananas - PDP	0.01	RDF # 75	PB	100	100
Bananas-juice	11-Uncooked 31-Canned: NFS	TBD	Bananas - PDP	0.01	RDF # 75	PB	100	100
Plantains-dried		TBD	Bananas - PDP	0.01	RDF # 75	PB	100	100
Plantains-green	15-Fried	TBD	Bananas - PDP	0.01	RDF # 75	NB	100	100
Plantains-ripe	11-Uncooked 14-Boiled 15-Fried	TBD	Bananas - PDP	0.01	RDF # 75	NB	100	100
Cranberries	11-Uncooked 12-Cooked: NFS 13-Baked 18-Dried 31-Canned: NFS 42-Frozen: Cooked	3	Cranberries FDA	0.001	RDF # 76	PB	39	84
Cranberries-juice	11-Uncooked 12-Cooked: NFS 31-Canned: NFS	3	Cranberries FDA	0.001	RDF # 76	PB	39	84
Cranberries-juice-concentrate	31-Canned: NFS	3	Cranberries FDA	0.001	RDF #76	PB	39	84
Flax, seed	Refined	0.5	Flax seed FT	0.01	0.0001	B	1	1
Grapes	11-Uncooked 12-Cooked: NFS 31-Canned: NFS 41-Frozen: NFS	10	Grapes PDP	0.016	RDF # 77	PB	8	12
Grapes-juice	11-Uncooked 12-Cooked: NFS 14-Boiled 31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	10	Grapes juice PDP	0.010	RDF # 78	PB	8	12
Grapes-juice-concentrate	12-Cooked: NFS 13-Baked 14-Boiled 31-Canned: NFS 41-Frozen: NFS	10	Grapes juice PDP	0.010	RDF # 78	PB	8	12
Grapes-leaves	14-Boiled	10	Grapes PDP	0.016	RDF # 77	PB	8	12
Grapes-raisins	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 18-Dried 42-Frozen: Cooked	10	Grapes PDP	0.016	RDF # 77	PB	8	12
Grapes-wine and sherry	99-Alcohol/Fermented/ Distilled	10	Grapes PDP	0.016	RDF # 77	PB	8	12
Okra	12-Cooked: NFS 14-Boiled 15-Fried	4	Okra FT	1.0	RDF # 79	NB	32	94

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
	32-Canned: Cooked 42-Frozen: Cooked 44-Frozen: Boiled	4	Oka FT	1.0	RDF #79	PB	32	94
Olives	60-Canned: Cured	10	Olive FT	3.85	RDF # 80	PB	1 <sup>3</sup>	2
Olive oil	98-Refined	10	Olive FT	3.85	0.077	B	1 <sup>3</sup>	2
Peanuts-butter	13-Baked 14-Boiled	0.05	Peanuts FT	0.01	0.0006	B	3	6
Peanuts-hulled	12-Cooked: NFS 13-Baked 14-Boiled 15-Fried 41-Frozen: NFS	0.05	Peanuts FT	0.01	0.0006	B	3	6
Peanuts-oil	98-Refined	0.05	Peanuts FT	0.01	0.0006	B	3	6
Pineapples-dried Imports only	18-Dried	TBD	Pineapple FDA	0.053	RDF # 82 RDF # 95 RDF #97	PB	1 <sup>3</sup>	2
Pineapples-juice Imports only	11-Uncooked 12-Cooked: NFS 31-Canned: NFS 42-Frozen: Cooked	TBD	Pineapple FDA	0.053	RDF # 82 RDF # 95 RDF #97	PB	1 <sup>3</sup>	2
Pineapples-juice-concentrate Imports only	12-Cooked: NFS 31-Canned: NFS 33-Canned: Baked 41-Frozen: NFS	TBD	Pineapple FDA	0.053	RDF # 82 RDF # 95 RDF #97	PB	1 <sup>3</sup>	2
Pineapples-peeled fruit Imports only	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled	TBD	Pineapple FDA	0.053	RDF # 81 RDF # 95 RDF #97	NB	1 <sup>3</sup>	2
Pineapples-peeled fruit Imports only	31-Canned: NFS 33-Canned: Baked 41-Frozen: NFS	TBD	Pineapple FDA	0.053	RDF # 82 RDF # 95 RDF #97	PB	1 <sup>3</sup>	2
Pistachio nuts	11-Uncooked 12-Cooked: NFS 13-Baked	0.1	Pistachio FT	0.03	RDF # 83	PB	17	38
Prickly pear cactus, pads	Cactus pads (nopal)	12	not in DEEM					
Prickly pear cactus, fruit		5	not in DEEM					
Strawberries	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 31-Canned: NFS 34-Canned: Boiled 41-Frozen: NFS	4	Strawberry FDA	0.0638	RDF # 84	PB	16	24
Strawberries-juice	11-Uncooked 12-Cooked: NFS 13-Baked 14-Boiled 31-Canned: NFS	4	Strawberry FDA	0.0638	RDF # 84	PB	16	24

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Commodity	DEEM Food Form	Reassessed Tolerance, ppm	Data Source <sup>2</sup>	Anticipated Residue (ppm) or RDF #		Blended Classification	% CT	
				Chronic	Acute		Avg	Max
Sunflower-oil	98-Refined	0.5	Sunflower -FT	0.042	0.0004	B	1	1
Sunflower-seeds	11-Uncooked 13-Baked	0.5	Sunflower - FT	0.042	RDF # 85	PB	1	1
<b>Fish</b>								
Oysters		2	Tolerance	---	----	-----		

1. See Carbaryl Product and Residue Chemistry Chapters for the Reregistration Eligibility Decision. DP Barcode: D238151.

2. PDP = USDA Pesticide Data Program; FDA = FDA Surveillance Program Data; FT = field trial data; P = processing.

3. Reported in the QUA as "Other Crops"

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

**Table 1b: Summary of Market Basket Survey Data**

Commodity	DEEM Food Form	Market Basket Survey Commodity Used	RDF #	%CT Likely Max
Citrus Fruit				
Citrus citron	All food forms	Orange	RDF #100	2
Grapefruit	All food forms except juice		RDF #101	6
Kumquats	All food forms		RDF #100	2
Lemons	All food forms except juice		RDF #103	7
Limes	All food forms except juice		RDF #100	2
Oranges	All food forms except juice		RDF #45	5
Tangelos	All food forms		RDF #100	2
Tangerine	All food forms except juice		RDF #100	2
Pome Fruit				
Apples	All food forms except juice and apples, dried	Apple	RDF # 48	31
	18-Dried		RDF # 108	31
Pear	All food forms		RDF #105	6
Quinces	All food forms		RDF #107	2
Loquat	All food forms		RDF #107	2
Crabapples	All food forms		RDF #107	2
Stone Fruits				
Apricot	All food forms	Peach	RDF # 98	2
Nectarines	All food forms		RDF #104	24
Peaches	All food forms		RDF #60	18
Plums (damsons)	All food forms		RDF # 106	9
Brassica Vegetables				
Broccoli	All food forms	Broccoli	RDF #17	9
Cauliflower	All food forms		RDF # 99	4
Leafy Vegetables				
Lettuce - head	11-Uncooked	Lettuce	RDF #14	8
Lettuce - leaf	11-Uncooked		RDF #102	2
Lettuce (unspecified)	31-Canned: NFS		RDF #102	8
Fruiting Vegetables				
Tomato	All food forms	Tomato	RDF # 33	27
Miscellaneous Crops				
Bananas	All food forms	Bananas	RDF # 75	100
Plantains	All food forms		RDF # 75	100
Grapes	All food forms except juice	Grapes	RDF # 77	12

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

**Table 2. Residue Distribution Files**

Garden Beets (roots) Field Trial data 24 samples  RDF #1 Garden Beets (roots) 27% CT Totalz=65 Totalnz=24 0.01 0.01 0.02 0.03 0.07 0.07 0.01 0.03 0.03 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.05 0.05 0.06 0.01 0.02 0.03	Sugarbeet (roots) Blended Field trial data  <b>Information from 12/2/93 AR memo (S. Hummel, D193129, 12/3/93)</b> <b>4% CT</b>  <b>Average Residue = 0.01 ppm</b>  Acute AR = 0.0004	Carrots - PDP <b>1994 - 1996</b> <b>1888 samples/0 detects</b> <b>1/2 LOD = 0.0116 ppm</b>  RDF #2 Carrots PDP 1994-96 6% CT Totalz=94 Totalnz=6 0.0116 0.0116 0.0116 0.0116 0.0116 0.0116 0.0116	Chicory, Horseradish, Parsnip, Salsify (Carrots - PDP) 1994 - 1996 <b>1888 samples/0 detects</b> <b>1/2 LOD = 0.0116 ppm</b>  RDF #3 Chic, Horse, Parsnip, Salsify (Carrots PDP) 1994-96 2% CT Totalz=98 Totalnz=2 0.0116 0.0116
Chronic AR = 0.024 ppm	Chronic AR = 0.01 ppm	Chronic AR = 0.0116 ppm	Chronic AR = 0.0116 ppm
<b>Potatoes - PDP 1994-1995</b> <b>1401 samples/ 0 detects</b> <b>1/2 LOD = 0.0119 ppm</b>  RDF #4 Potatoes PDP 1994-95 3% CT Totalz=97 Totalnz=3 0.0119 0.0119 0.0119 0.0119  For dried potatoes (blended) - acute AR = 0.00036	<b>Radishes (Garden Beets (roots))</b> Field Trial data 24 samples  RDF #5 Radishes (Garden Beets (roots)) 2% CT Totalz=1176 Totalnz=24 0.01 0.01 0.02 0.03 0.07 0.07 0.01 0.03 0.03 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.05 0.05 0.06 0.01 0.02 0.03	<b>Turnips translate to rutabagas</b> Field Trial Data 27 samples  RDF #6 Turnips (roots) 2% CT Totalz=1323 Totalnz=27 0.01 0.01 0.02 0.07 0.11 0.13 0.01 0.02 0.03 0.72 0.93 1.01 0.01 0.01 0.02 0.02 0.02 0.04 0.01 0.01 0.01 0.01 0.01 0.01	<b>Sweet Potato - PDP 1996- 1998</b> <b>1559 samples/3 detects</b> <b>1/2 LOD = 0.011 ppm</b>  RDF #7 Sweet potatoes - PDP - 96-98 41 % CT Totalz = 1512 Totalnz = 3 44, 0.0059 0.67 0.01 0.29
Chronic AR = 0.0119 ppm	Chronic AR = 0.024 ppm	Chronic AR = 0.121 ppm	Chronic AR = 0.0065 ppm
<b>Garden Beet Tops</b> Field Trial Data 24 Samples  RDF #8 Garden beet tops 27% CT Totalz=63 Totalnz=24 3.96 4.27 4.49 14.48 18.28 21.18 8.45 8.46 9.84 25.47 28.36 42.23 3.19 3.9 3.91 2.41 2.71 4.65 1.63 1.77 1.9 8.64 9.2 10	<b>Radish Tops (Garden beet tops)</b> Field trial data. 24 samples  RDF #9 Radish tops (Garden beet tops - FT) 2% CT Totalz=1176 Totalnz=24 3.96 4.27 4.49 14.48 18.28 21.18 8.45 8.46 9.84 25.47 28.36 42.23 3.19 3.9 3.91 2.41 2.71 4.65 1.63 1.77 1.9 8.64 9.2 10	<b>Turnip tops</b> Field Trial data 33 samples  RDF #10 Turnip Tops 2% CT Totalz=1617 Totalnz=33 6.84 8.19 10.33 51.19 67.8 70.24 5.4 5.41 5.88 6.91 9.04 9.73 49.12 49.24 50.27 1.07 1.09 1.49 10.97 11.35 14.5 7.69 9.25 11.71 1.56 1.83 1.84 5.28 5.76 6.83 2.07 2.13 3.68	<b>Celery- PDP 1994</b> <b>176 samples/0 detects</b> <b>1/2 LOD = 0.0152 ppm</b>  RDF #11 Celery - PDP 1994 6% CT Totalz=94 Totalnz=6 0.0152 0.0152 0.0152 0.0152 0.0152 0.0152 0.0152 0.0152

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Chronic AR = 10.14 ppm	Chronic AR = 10.14 ppm	Chronic AR = 15.3 ppm	Chronic AR = 0.0152 ppm
<b>Spinach - PDP data Translated to Dandelions and Parsley 1995-1997</b> <b>1639 samples/10 detects 1/2 LOD = 0.006 ppm</b>  RDF # 12 Spinach PDP 2% CT Totalz=1767 Totalnz=10 25, 0.008 0.01 0.01 0.01 0.01 0.068 0.11 0.02 0.02 0.077 0.039	<b>Canned Spinach - PDP 1997-1998</b> <b>863 samples/no detects 1/2 LOD = 0.006 ppm</b>  RDF #13 Canned Spinach 2% CT Totalz=98 Totalnz=2 0.006 0.006	<b>Head Lettuce - PDP 1994</b> <b>691 samples/no detects 1/2 LOD = 0.0169 ppm</b>  RDF #14 Lettuce - Head 8%CT = Totalz=92 Totalnz=8 0.0169 0.0169 0.0169 0.0169 0.0169 0.0169 0.0169 0.0169	<b>Leaf Lettuce - FDA translate to Endive 1992-1998</b> <b>241 samples/no detects 1/2 LOD = 0.001 ppm</b>  RDF #15 Leaf Lettuce 2%CT Totalz=98 Totalnz=2 0.001 0.001
Chronic AR = 0.0082 ppm	Chronic AR = 0.006 ppm	Chronic AR = 0.0169 ppm	Chronic AR = 0.001 ppm
<b>Rhubarb/Swiss Chard (Celery- PDP 1994)</b> <b>176 samples/0 detects 1/2 LOD = 0.0152 ppm</b>  RDF #16 Rhubarb (Celery - PDP 1994) 2% CT Totalz=98 Totalnz=2 0.0152 0.0152	<b>Broccoli - PDP 1994</b> <b>679 samples/1 detect 1/2 LOD = 0.0125 ppm</b>  RDF # 17 Broccoli - PDP 1994 9% CT Totalz=618 Totalnz=1 60, 0.013 0.007	<b>Brussels sprouts (Cabbage - FDA 1992 - 1998)</b> <b>246 samples/0 detects 1/2 LOD = 0.001 ppm</b>  RDF # 18 Brussels sprouts (Cabbage - FDA 92-98) 67% CT Totalz = 33 TotalFreq = 1 67, 0.001	<b>Cabbage - FDA 1992 - 1998</b> <b>246 samples/0 detects 1/2 LOD = 0.001 ppm</b>  RDF # 19 Cabbage - FDA 92-98 4% CT Totalz= 96 TotalFreq = 1 4, 0.001
Chronic AR = 0.015 ppm	Chronic AR = 0.013 ppm	Chronic AR = 0.001 ppm	Chronic AR = 0.001 ppm
<b>Cauliflower (Broccoli - PDP 1994)</b> <b>679 samples/1 detect 1/2 LOD = 0.0125 ppm</b>  RDF # 20 Cauliflower (Broccoli - PDP 1994) 4% CT Totalz=652 Totalnz=1 26, 0.013 0.007	<b>Collards Mustards FT data 24 samples</b>  RDF # 21 Collards (Mustards FT) 10% CT Totalz=216 Totalnz=24 0.65 0.72 0.99 1.8 2.31 2.68 3.47 3.63 3.8 2.57 2.79 2.99 0.3 0.42 0.95 1.83 3.38 4.71 4.93 7.76 8.29 0.99 1.61 3.23	<b>Mustards, Rape, Kale Mustards FT data 24 samples</b>  RDF # 22 Mustards - FT 2% CT Totalz=1176 Totalnz=24 0.65 0.72 0.99 1.8 2.31 2.68 3.47 3.63 3.8 2.57 2.79 2.99 0.3 0.42 0.95 1.83 3.38 4.71 4.93 7.76 8.29 0.99 1.61 3.23	<b>Kohlrabi (Cabbage - FDA 1992 - 1998)</b> <b>246 samples/0 detects 1/2 LOD = 0.001 ppm</b>  RDF # 23 Kohlrabi (Cabbage - FDA 92-98) 2% CT Totalz= 98 TotalFreq = 1 2, 0.001
Chronic AR = 0.013 ppm	Chronic AR = 2.78 ppm	Chronic AR = 2.78 ppm	Chronic AR = 0.001 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

<b>Dried Beans - Blended</b> <b>FT data</b> <b>3% CT</b> <b>1/2 LOD = 0.01 ppm</b>  Residues = <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr><td>0.13</td><td>0.14</td><td>0.15</td><td>0.01</td></tr> <tr><td>0.13</td><td>0.13</td><td>0.15</td><td>0.01</td></tr> <tr><td>0.05</td><td>0.1</td><td>0.16</td><td>0.01</td></tr> <tr><td>0.01</td><td>0.01</td><td>0.01</td><td>0.07</td></tr> <tr><td>0.01</td><td>0.01</td><td>0.01</td><td>0.06</td></tr> <tr><td>0.05</td><td></td><td></td><td></td></tr> </table> Average = 0.067 ppm Acute AR = 0.002	0.13	0.14	0.15	0.01	0.13	0.13	0.15	0.01	0.05	0.1	0.16	0.01	0.01	0.01	0.01	0.07	0.01	0.01	0.01	0.06	0.05				<b>Fresh Succulent Beans PDP 1994-1995</b> <b>1177 samples/44 detects</b> <b>21% CT - 4% detects</b> <b>1/2 LOD = 0.01 ppm</b>  RDF # 24 Fresh Beans 21% CT Totalz=930 Totalnz=44 203, 0.0138 <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr><td>1.6</td><td>0.067</td><td>0.45</td><td>0.9</td></tr> <tr><td>0.096</td><td>0.064</td><td>0.11</td><td>0.23</td></tr> <tr><td>0.37</td><td>0.011</td><td>0.26</td><td>0.086</td></tr> <tr><td>0.046</td><td>0.15</td><td>0.06</td><td>0.06</td></tr> <tr><td>0.011</td><td>0.04</td><td>0.007</td><td>0.15</td></tr> <tr><td>0.007</td><td>0.1</td><td>0.18</td><td>0.93</td></tr> <tr><td>0.15</td><td>0.12</td><td>0.26</td><td>0.082</td></tr> <tr><td>0.2</td><td>0.57</td><td>0.25</td><td>0.025</td></tr> <tr><td>0.037</td><td>0.31</td><td>0.29</td><td>0.29</td></tr> <tr><td>0.13</td><td>0.15</td><td>1.4</td><td>0.85</td></tr> <tr><td>0.21</td><td>0.02</td><td>0.02</td><td>0.15</td></tr> </table>	1.6	0.067	0.45	0.9	0.096	0.064	0.11	0.23	0.37	0.011	0.26	0.086	0.046	0.15	0.06	0.06	0.011	0.04	0.007	0.15	0.007	0.1	0.18	0.93	0.15	0.12	0.26	0.082	0.2	0.57	0.25	0.025	0.037	0.31	0.29	0.29	0.13	0.15	1.4	0.85	0.21	0.02	0.02	0.15	<b>Processed Succulent Beans - PDP 1996-1998</b> <b>1588 samples/161 detects</b> <b>16% CT - 10 % detects</b> <b>1/2 LOD = 0.006 ppm</b>  RDF # 25 Processed Beans 16% CT Totalz=1334 Totalnz=161 242, 0.006  See Appendix L for residues	<b>Lima Beans (Processed Succulent Beans - PDP 1996-1998)</b> <b>1588 samples/161 detects</b> <b>16% CT - 10 % detects</b> <b>1/2 LOD = 0.006 ppm</b>  RDF # 26 Lima Beans 30% CT Totalz=1112 Totalnz=161 315, 0.006  See Appendix L for residues
0.13	0.14	0.15	0.01																																																																				
0.13	0.13	0.15	0.01																																																																				
0.05	0.1	0.16	0.01																																																																				
0.01	0.01	0.01	0.07																																																																				
0.01	0.01	0.01	0.06																																																																				
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1.6	0.067	0.45	0.9																																																																				
0.096	0.064	0.11	0.23																																																																				
0.37	0.011	0.26	0.086																																																																				
0.046	0.15	0.06	0.06																																																																				
0.011	0.04	0.007	0.15																																																																				
0.007	0.1	0.18	0.93																																																																				
0.15	0.12	0.26	0.082																																																																				
0.2	0.57	0.25	0.025																																																																				
0.037	0.31	0.29	0.29																																																																				
0.13	0.15	1.4	0.85																																																																				
0.21	0.02	0.02	0.15																																																																				
Chronic AR = 0.067 ppm	Chronic AR = 0.023 ppm	Chronic AR = 0.012 ppm	Chronic AR = 0.012 ppm																																																																				
<b>Peas - FDA 1992-1998</b> <b>289 samples/8 detects</b> <b>1/2 LOD = 0.001 ppm</b>  RDF #27 Peas - Fresh - FDA 7% CT Totalz=269 Totalnz=8 12, 0.001 0.041 0.360 1.160 0.005 0.010 0.005 0.005 0.060	<b>Processed Peas - PDP 1994-1996</b> <b>1458 samples/19 detects</b> <b>1/2 LOD = 0.011 ppm</b>  RDF #28 Processed Peas 5% CT Totalz=1385 Totalnz=19 54, 0.011 0.13 0.43 0.086 0.12 0.06 0.01 0.028 0.042 0.06 0.14 0.067 0.0802 0.043 0.37 0.12 0.13 0.05 0.11 0.12	<b>Dried Peas (Blended)</b> <b>FT data</b> <b>9% CT</b> <b>1/2 LOD = 0.01 ppm</b>  Residues = <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr><td>0.046</td><td>0.048</td><td>0.049</td></tr> <tr><td>0.205</td><td>0.212</td><td>0.241</td></tr> <tr><td>0.53</td><td>0.555</td><td>0.593</td></tr> <tr><td>0.059</td><td>0.061</td><td>0.062</td></tr> <tr><td>0.064</td><td>0.07</td><td>0.116</td></tr> <tr><td>0.16</td><td>0.179</td><td>0.186</td></tr> <tr><td>0.01</td><td>0.01</td><td>0.023</td></tr> <tr><td>0.01</td><td>0.01</td><td>0.01</td></tr> </table> Average = 0.146 Acute AR = 0.013	0.046	0.048	0.049	0.205	0.212	0.241	0.53	0.555	0.593	0.059	0.061	0.062	0.064	0.07	0.116	0.16	0.179	0.186	0.01	0.01	0.023	0.01	0.01	0.01	<b>Soybean (Blended)</b> <b>PDP data</b> <b>749 samples/0 detects</b> <b>1% CT</b> <b>1/2 LOD = 0.0015 ppm</b>  Acute AR = 0.000015																																												
0.046	0.048	0.049																																																																					
0.205	0.212	0.241																																																																					
0.53	0.555	0.593																																																																					
0.059	0.061	0.062																																																																					
0.064	0.07	0.116																																																																					
0.16	0.179	0.186																																																																					
0.01	0.01	0.023																																																																					
0.01	0.01	0.01																																																																					
Chronic AR = 0.13 ppm	Chronic AR = 0.013 ppm	Chronic AR = 0.146 ppm	Chronic AR = 0.0015 ppm																																																																				

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Eggplant - FDA <b>1993-98</b> 112 samples/ 6 detects 1/2 LOD = 0.001 ppm 21% CT  RDF # 29	Hot Pepper - FDA <b>1992-1998</b> 347 samples/66 detects 19% detects - 2% CT 1/2 LOD = 0.001 ppm  RDF # 30  Non-bell peppers 19% detects Totalz= 281 Totalnz=66  17, 0.001 0.01 0.046 0.12 0.061 0.16 0.07  0.048 0.005 0.844 0.28 0.076 0.005 1 0.9 0.46 0.03 0.016 0.35 1.6 0.728 0.12 0.16 0.005 0.4 0.04 0.03 2.1 0.31 1.58 0.17 0.22 0.9 2.4 3.3 0.09 0.3 1.7 0.1 0.5 1.7 1.9 0.015 0.26 0.24 1.54 0.21 0.38 0.05 0.16 0.23 0.02 4 0.43 0.02 0.12 0.86 0.7 0.8 0.05 0.25 0.15 0.3 0.2 0.1 0.05 0.9 0.2 0.1 0.1 0.2 0.02 0.06	Sweet Pepper - FDA <b>1992-1998</b> 430 samples/28 detects 1/2 LOD = 0.001 ppm  RDF # 31  Sweet pepper FDA all 30% CT Totalz=301 Totalnz=28  101, 0.001  0.300 0.030 0.005 0.170 0.370 0.020 0.600 0.490 0.030 0.175 0.5 0.500 0.800 0.380 0.205 0.100 0.340 0.400 0.090 1.000 0.050 0.120 0.300 0.070 0.050 0.400 0.010 0.100	Processed Tomatoes - PDP <b>1996-1998</b> 1613 samples/4 detects (0.2% detects) 1/2 LOD = 0.0043 ppm  RDF #32 Tomatoes - PDP 27 %CT - 0.2% detects Totalz=1177 Totalnz=4  432, 0.0043 0.008 0.004 0.017 0.007
Chronic AR = 0.005 ppm	Chronic AR = 0.108 ppm	Chronic AR =0.02 ppm	Chronic AR = 0.0044 ppm
Fresh Tomatoes - PDP <b>1996-1998</b> 1613 samples/4 detects (0.2% detects) 1/2 LOD = 0.0043 ppm  RDF #33 Tomatoes - PDP 11% CT - 0.2% detects Totalz=1436 Totalnz=4 173, 0.0043 0.008 0.004 0.017 0.007	Cucumber - FDA <b>1992-1998</b> 420 samples/13 detects 1/2 LOD = 0.001 ppm  RDF # 34 Cucumber -FDA 32% CT - 3% detects Totalz=286 Totalnz=13 121, 0.001 0.005 0.005 0.005 0.230 0.182 0.121 0.005 0.100 0.070 0.190 0.018 0.034 0.010	Melons <b>(Cantaloupe - PDP 1998)</b> 408 samples/2 detects (0.5% detects) 1/2 LOD = 0.005 ppm  RDF # 35 Cantaloupe - PDP 2% CT - 0.5% detects Totalz=400 Totalnz=2 6, 0.005 0.01 0.01	Cantaloupe - PDP <b>1998</b> 408 samples/2 detects (0.5% detects) 1/2 LOD = 0.005 ppm  RDF # 36 Cantaloupe - PDP 9% CT - 0.5% detects Totalz=364 Totalnz=2 34, 0.005 0.01 0.01
Chronic AR = 0.0044 ppm	Chronic AR = 0.0033 ppm	Chronic AR = 0.0056 ppm	Chronic AR = 0.0056 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

<b>Honey dew (Cantaloupe - PDP 1998 408 samples/2 detects (0.5% detects) 1/2 LOD = 0.005 ppm</b>  RDF # 37 Cantaloupe - PDP 44% CT - 0.5% detects Totalz=228 Totalnz=2 178, 0.005 0.01 0.01	<b>Watermelon - FDA 1992-1998 330 samples/4 detects 1/2 LOD = 0.001 ppm</b>  RDF # 38 Watermelon - FDA 15% CT - 1% detects Totalz=281 Totalnz=4 56, 0.001 0.06 0.1 0.04 0.094	<b>Pumpkin (Winter Squash - PDP 1997-98) 970 samples/1 detect 1/2 LOD = 0.005 ppm</b>  RDF # 39 Pumpkin (Winter Squash - PDP) 56 % CT - 0.1% detects Totalz=426 Totalnz=1 543, 0.006 0.013	<b>Winter Squash - PDP 1997-1998 970 samples/1 detect 1/2 LOD = 0.005 ppm</b>  RDF #40 Winter Squash - PDP 27 % CT - 0.1% detects Totalz=708 Totalnz=1 261, 0.006 0.013
Chronic AR = 0.0056 ppm	Chronic AR = 0.0019 ppm	Chronic AR = 0.006 ppm	Chronic AR = 0.006 ppm
<b>Summer Squash - FDA 1992-1998 406 samples/10 detect 1/2 LOD - 0.001 ppm 27% CT</b>  RDF# 41 Summer Squash - FDA 27% CT - 2% detect Totalz=296 Totalnz=10 100, 0.001 0.2 0.37 0.005 0.020 0.15 0.16 0.080 0.059 0.460 4.6	<b>Citrus citron, Lime, Tangelos, Tangerine, Grapefruit, and orange ( partially blended food forms) (Orange - PDP 1994- 1996) 1892 samples/184 detects 1/2 LOD = 0.009 ppm</b>  RDF #42 Citrus - PDP 10% detects Totalz=1656 Totalnz=184 52, 0.009 see Appendix A for residue values	<b>Grapefruit juice (Orange juice PDP data 1997- 1998) 1392 samples/30 detects 2% detects - 6% CT 1/2 LOD = 0.006 ppm</b>  RDF #43 Grapefruit juice (Orange juice PDP) 2% detects - 6% CT Totalz=1308 Totalnz=30 54, 0.006 21, 0.01 7, 0.013 0.031 0.017	<b>Lemon juice (Orange juice PDP data 1997- 1998) 1392 samples/30 detects 2% detects - 7% CT 1/2 LOD = 0.006 ppm</b>  RDF #44 Lemon juice (Orange juice PDP) 2% detects - 7% CT Totalz=1295 Totalnz=30 67, 0.006 21, 0.01 7, 0.013 0.031 0.017
Chronic AR = 0.016 ppm	Chronic AR = 0.013 ppm	Chronic AR = 0.006 ppm	Chronic AR = 0.006 ppm
<b>Lime, Tangelos, Tangerine, Grapefruit, lemon, and orange (not blended food forms ) (Orange - PDP 1994- 1996) 1892 samples/184 detects Residues decomp. (n=12) Decomposed residues were 0.000043 to 1.68 ppm 1/2 LOD = 0.009 ppm</b>  RDF #45 Orange -PDP-decomposed 10% detects Totalz=9000 Totalnz=1000 see Appendix B for residue values	<b>Lime juice, tangerine juice (Orange juice PDP data 1997- 1998) 1392 samples/30 detects 2% detects - 2% CT 1/2 LOD = 0.006 ppm</b>  RDF #46 Lime juice (Orange juice PDP) 2% detects - 2% CT Totalz=1362 Totalnz=30 21, 0.01 7, 0.013 0.031 0.017	<b>Orange juice PDP data 1997- 1998) 1392 samples/30 detects 2% detects - 5% CT 1/2 LOD = 0.006 ppm</b>  RDF #47 Orange juice PDP 2% detects - 5% CT Totalz=1322 Totalnz=30 40, 0.006 21, 0.01 7, 0.013 0.031 0.017	<b>Apple -Non-blended - PDP 1994-1996 1909 samples/285 detects residues decomposed (n = 15) Decomposed residues range from 0.00008 - 7.35 ppm 15% detects - 31% CT 1/2 LOD = 0.013 ppm</b>  RDF #48 Apples - PDP decomps 31% CT - 15% detects Totalz=4600 Totalnz=1000 1067, 0.013 (1/2 LOD) see Appendix C for residue values
Chronic AR = 0.013 ppm	Chronic AR = 0.006 ppm	Chronic AR =0.006 ppm	Chronic AR = 0.03 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

<b>Apples, Dried (Blended)</b> <b>PDP 1994-96</b> <b>1909 samples/285 detects</b> <b>31% CT</b> <b>1/2 LOD = 0.01 ppm</b>  see Appendix D for residue values Average = 0.03 Acute AR = 0.009	<b>Apple - Partially blended - PDP data 1994-1996</b> <b>1909 samples/285 detects</b> <b>15% detects - 31% CT</b> <b>1/2 LOD = 0.013 ppm</b>  RDF #49 Apples - PDP 31% CT - 15% detects Totalz=1317 Totalnz=285  see Appendix D for residue values	<b>Apple Juice PDP 1996-1998</b> <b>1554 samples/454 detects</b> <b>29% detects - 31% CT</b> <b>1/2 LOD = 0.006 ppm</b>  RDF # 50 Apple juice - PDP 31% CT - 15% detects Totalz=1072 Totalnz=454 28, 0.006 see Appendix E for residue values	<b>Pear PDP decomposition 1997-1998</b> <b>1420 samples/60 detects</b> <b>4% detects - 6% CT</b> <b>1/2 LOD = 0.0065 ppm</b> <b>n= 13 Decom. values were 0.000026 to 14.33</b>  RDF # 51 Pear - PDP Totalz=23500 Totalnz=1000 500, 0.0065 see App. F for residue values
Chronic AR = 0.03 ppm	Chronic AR = 0.03 ppm	Chronic AR = 0.01 ppm	Chronic AR = 0.0098 ppm
<b>Partially blended Pear -PDP 1997-1998</b> <b>1420 samples/60 detects</b> <b>4% detects - 6% CT</b> <b>1/2 LOD = 0.0065 ppm</b>  RDF # 52 Pear - PDP Totalz=1335 Totalnz=60 25, 0.0065 0.24 0.007 0.058 0.12 0.007 0.007 0.017 0.007 0.007 0.007 0.3 0.007 0.007 0.14 0.013 0.042 0.01 0.017 0.05 0.036 0.007 0.01 0.1 0.013 0.007 0.01 0.053 0.007 0.007 0.007 0.007 0.061 0.81 0.01 0.11 0.035 0.07 0.076 0.042 0.013 0.007 0.007 0.052 0.45 0.013 0.013 0.042 0.41 0.49 0.12 0.013 0.01 0.19 0.14 0.14 0.013 0.033 0.01 0.01 0.089	<b>Quince (Pear PDP) decomposition 1997-1998</b> <b>1420 samples/60 detects</b> <b>4% detects - 2% CT</b> <b>1/2 LOD = 0.0065 ppm</b> <b>n= 13 Decom. values were 0.000026 to 14.33</b>  RDF # 53 Quince - PDP Totalz=73500 Totalnz=1000 500, 0.0065 see App. F for residue values	<b>Crabapple - Apple PDP data 1994-1996</b> <b>1909 samples/285 detects</b> <b>15% detects - 2% CT</b> <b>1/2 LOD = 0.013 ppm</b>  RDF #54 Crabapple (Apple PDP) 2% CT - 15% detects Totalz=28910 Totalnz=285 305, 0.013 see Appendix D for residue values	<b>Apricot (Peach PDP 1994- 1996)</b> <b>1088 samples/168 detects</b> <b>2% CT</b> <b>1/2 LOD =0.01 ppm</b>  RDF #55 Apricot - (Peach PDP) 2 %CT Totalz=9604 Totalnz=168 28, 0.01 See Appendix G for residue values
Chronic AR = 0.0098 ppm	Chronic AR = 0.0098 ppm	Chronic AR = 0.033 ppm	Chronic AR = 0.07 ppm
<b>Apricot</b> <b>(Peach PDP 1994- 1996)</b> <b>1088 samples/168 detects</b> <b>2% CT</b> <b>1/2 LOD =0.01 ppm</b> <b>Residues decomp. ranged from 0.000119 - 46.3</b>  RDF #56 Apricot - (Peach PDP) 2 %CT Totalz=58800 Totalnz=1000 200, 0.01 See Appendix H for residue values	<b>Sweet Cherries- FDA 1992-98</b> <b>281 samples/89 detects</b> <b>36% CT</b> <b>1/2 LOD = 0.001 ppm</b>  RDF # 57 Sweet Cherries 36% CT Totalz=180 Totalnz=89 12, 0.001 see Appendix M for residue values	<b>Tart Cherries - FDA 1992-98</b> <b>281 samples/89 detects</b> <b>24% CT - 32% detects</b> <b>1/2 LOD = 0.001 ppm</b>  RDF # 58 Tart Cherries 32% detects Totalz=192 Totalnz=89 see Appendix M for residue values	<b>Nectarines (Peaches PDP 1994 -1996)</b> <b>1088 samples/168 detects</b> <b>24% CT - 15% detected</b> <b>Residues decomp. ranged from 0.000119 - 46.3 ppm</b>  RDF # 59 Peaches - PDP - decomp 24% CT - 15% detected Totalz=5067 Totalnz=1000 600, 0.001 see Appendix H for residue values
Chronic AR = 0.07 ppm	Chronic AR = 0.127 ppm	Chronic AR = 0.127 ppm	Chronic AR = 0.07 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Peaches (not blended) PDP Single Serving 2000 1088 samples/168 detects 18% CT - 15% detected Residues decomp. ranged from 0.000119 - 46.3  RDF # 60 Peaches - PDP single serving 18% CT - 15% detected Totalz=438 Totalnz=79 17, 0.003 see Appendix H for residue values	Peaches (partially blended) PDP 1994 -1996 1088 samples/168 detects 18% CT - 15% detected  RDF # 61 Peaches - PDP 18% CT - 15% detected Totalz=892 Totalnz=168 28, 0.001 see Appendix G for residue values	Plums FDA FDA 1992-98 51 samples/2 detects 4% detects - 9 % CT 1/2 LOD = 0.001 ppm  RDF # 62 Plums - FDA 9% CT Totalz=46 Totalnz=2 3, 0.001 0.002 0.002	Blackberries (Raspberry FDA 1992-98) 247 samples/51 detects 21 % Detects - 44 % CT 1/2 LOD =-0.001 ppm  RDF # 63 Blackberry (Raspberry FDA) 21% CT Totalz=138 Totalnz=51 58, 0.001 3.79 1.52 1.18 0.019 0.04 0.436 2.78 0.298 3.43 0.032 0.028 0.005 0.016 1.13 0.021 0.19 0.02 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.03 0.13 0.005 0.045 0.16 0.13 0.08 0.005 0.034 1.07 0.007 0.063 0.16 0.88 0.005 0.026 0.005 0.35 0.06 0.83 0.005 0.06 3.2 0.23 0.005 0.12
Chronic AR = 0.07 ppm	Chronic AR = 0.07 ppm	Chronic AR = 0.07 ppm	Chronic AR = 0.09 ppm
Blueberry - FDA 1992-1998 212 samples/23 detects 11 % detects - 45% CT 1/2 LOD =-0.001 ppm  RDF #64 Blueberry FDA 45% CT - 11% detects Totalz=117 Totalnz=23 72, 0.001 0.342 0.245 1.06 0.146 0.112 0.206 0.234 0.005 0.19 4.38 0.119 0.005 0.005 0.52 0.23 2.05 0.08 9.7 0.005 0.02 0.054 0.15 0.012	Boysenberry, Dewberry, Loganberry, Youngberry (Raspberry FDA 1992-98) 247 samples/51 detects 21 % Detects - 2 % CT 1/2 LOD =-0.001 ppm  RDF # 65 Boysenberry (Raspberry FDA) 2% CT Totalz=2499 Totalnz=51 3.79 1.52 1.18 0.019 0.04 0.436 2.78 0.298 3.43 0.032 0.028 0.005 0.016 1.13 0.021 0.19 0.02 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.03 0.13 0.005 0.045 0.16 0.13 0.08 0.005 0.034 1.07 0.007 0.063 0.16 0.88 0.005 0.026 0.005 0.35 0.06 0.83 0.005 0.06 3.2 0.23 0.005 0.12	Currant, Elderberries, Gooseberries, Huckleberries, Olliaberry (Blueberry - FDA) 1992-1998 153 samples/15 detects 11 % detects - 2% CT 1/2 LOD =-0.001 ppm  RDF #66 Currant (Blueberry FDA) 2% CT Totalz=4655 Totalnz=23 72, 0.001 0.342 0.245 1.06 0.146 0.112 0.206 0.234 0.005 0.19 4.38 0.119 0.005 0.005 0.52 0.23 2.05 0.08 9.7 0.005 0.02 0.054 0.15 0.012	Raspberries - FDA Raspberry FDA 1992-98) 247 samples/51 detects 21 % Detects - 10 % CT 1/2 LOD =-0.001 ppm  RDF # 67 Raspberry FDA 10% CT - 21% detected Totalz=196 Totalnz=51 3.79 1.52 1.18 0.019 0.04 0.436 2.78 0.298 3.43 0.032 0.028 0.005 0.016 1.13 0.021 0.19 0.02 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.03 0.13 0.005 0.045 0.16 0.13 0.08 0.005 0.034 1.07 0.007 0.063 0.16 0.88 0.005 0.026 0.005 0.35 0.06 0.83 0.005 0.06 3.2 0.23 0.005 0.12
Chronic AR = 0.09 ppm	Chronic AR = 0.09 ppm	Chronic AR = 0.09 ppm	Chronic AR = 0.09 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

<b>Almonds - FT</b> <b>15 samples</b>  RDF # 68 Almonds - FT 4% CT Totalz=360 Totalnz=15 0.0614 0.0704 0.0786 0.0822 0.0826 0.0932 0.0304 0.0358 0.0380 0.0704 0.0800 0.0840 0.01 0.0300 0.0384	<b>Chestnuts (Almonds - FT)</b> <b>15 samples</b>  RDF # 69 Chestnuts (Almonds - FT) 2% CT Totalz=735 Totalnz=15 0.0614 0.0704 0.0786 0.0822 0.0826 0.0932 0.0304 0.0358 0.0380 0.0704 0.0800 0.0840 0.01 0.0300 0.0384	<b>Filberts (Pecan - FT)</b> <b>18 samples</b>  RDF # 70 Filberts (Pecan - FT) 12% CT Totalz=132 Totalnz=18 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.044 0.053 0.053 0.025 0.026 0.045 0.01 0.023 0.027	<b>Pecan - FT</b> <b>18 samples</b>  RDF # 71 Pecan - FT 24% CT Totalz=57 Totalnz=18 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.044 0.053 0.053 0.025 0.026 0.045 0.01 0.023 0.027
Chronic AR = 0.059 ppm	Chronic AR = 0.059 ppm	Chronic AR = 0.022 ppm	Chronic AR = 0.022 ppm
<b>Walnut - FT</b> <b>15 samples</b> <b>2% CT</b>  RDF #72 Walnut - FT 2% CT Totalz=735 Totalnz=15 0.044 0.064 0.153 0.037 0.043 0.052 0.507 0.811 0.999 0.266 0.389 0.65 0.01 0.01 0.01  Average residue = 0.27 Acute AR = 0.0054	<b>Walnut oil - FT</b> <b>Blended</b> <b>15 samples</b> <b>2% CT</b>  Residues =  0.044 0.064 0.153 0.037 0.043 0.052 0.507 0.811 0.999 0.266 0.389 0.65 0.01 0.01 0.01  Average residue = 0.27 Acute AR = 0.0054		<b>Corn, Fresh - PDP</b> <b>1994-1996</b> <b>1306 samples/0 detects</b> <b>1% CT</b> <b>1/2 LOD = 0.0085</b>  RDF # 73 Fresh Corn 1% CT Totalz=99 Totalnz=1 0.0085
Chronic AR = 0.27 ppm	Chronic AR = 0.27 ppm		Chronic AR = 0.0085 ppm
<b>Corn grain - FT</b> <b>Blended</b> <b>0 detects</b> <b>1/2 LOD = 0.01</b> <b>1% CT</b>  Acute AR = 0.0001	<b>Millet, Sorghum, Wheat - Blended</b> <b>(Wheat grain PDP)</b> <b>1563 samples/6 detects</b> <b>1% CT</b>  1557 @ 1/2 LOD = 0.0015 0.011 0.004 0.01 0.013 0.005 0.005 Average residue = 0.0015 ppm Acute AR = 0.000015	<b>Rice FT</b> <b>Blended</b> <b>24 samples</b> <b>1% CT</b>  7.84 8.48 8.89 6.72 7.08 7.46 9.59 11.6 11.8 2.44 2.75 3.1 9.65 10 10.4 5.55 6.19 6.31 9.68 11.3 11.6 2.57 2.98 3.65 Average Residue = 7.4 ppm Acute AR = 0.074	<b>Asparagus - FDA</b> <b>1992-98</b> <b>381 samples/6 detects</b> <b>87% CT</b> <b>1/2 LOD = 0.001 ppm</b>  RDF # 74 Asparagus - FDA 87% CT Totalz=50 Totalnz=6 325, 0.001 0.087 0.504 0.005 0.180 0.069 0.005
Chronic AR = 0.01 ppm	Chronic AR = 0.0015 ppm	Chronic AR = 7.4 ppm	Chronic AR = 0.0032 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Bananas - PDP translate to plantains <b>1994-95</b> 1126 samples/0 detects 100 % CT 1/2 LOD = 0.01 ppm  RDF # 75 Bananas - PDP 100% CT Totalz=0 Totalnz=1 0.01	Cranberries - FDA <b>1992 - 98</b> 111 samples/3 detects 1/2 LOD = 0.001 ppm  RDF # 76 Cranberries - FDA 84% CT Totalz=18 Totalnz=3 90, 0.001 0.002 0.002 0.002	Flax seed Blended Field Trial 10 samples No detects <0.02 ppm 1% CT  Average Residues = 1/2 LOD = 0.01 ppm  Acute AR = 0.0001	Grapes -PDP <b>1994-96</b> 1884 samples/65 detects 12% CT 1/2 LOD = 0.01 ppm  RDF # 77 Grapes-PDP 12% CT Totalz=1658 Totalnz=65 161, 0.01 0.94 0.01 0.011 0.011 0.011 0.011 0.013 0.017 0.017 0.017 0.017 0.02 0.02 0.02 0.02 0.025 0.025 0.025 0.025 0.036 0.042 0.042 0.042 0.042 0.047 0.053 0.057 0.061 0.063 0.063 0.067 0.068 0.068 0.071 0.079 0.086 0.088 0.11 0.11 0.12 0.12 0.12 0.13 0.13 0.14 0.15 0.18 0.19 0.19 0.22 0.23 0.23 0.24 0.25 0.29 0.29 0.34 0.38 0.42 0.43 0.48 0.5 0.52 0.54 0.62
Chronic AR = 0.01 ppm	Chronic AR = 0.001 ppm	Chronic AR =0.01 ppm	Chronic AR = 0.016 ppm
Grape juice PDP <b>1998</b> 665 samples/245 detects 37% Detects - 12 % CT  RDF # 78 Grape juice PDP 37% detects (12% CT) Totalz=420 Totalnz=245 See Appendix I for residues	Okra Field Trials 10 samples  RDF # 79 Okra - FT 94% CT Totalz=1 Totalnz=10 2.5 2.99 0.152 0.155 0.399 0.546 0.105 0.32 1.17 1.65	Olives Field Trials 12 samples  RDF # 80 Olives - FT 2% CT Totalz=588 Totalnz=12 4.44 5.56 7.49 2.08 2.22 3.95 2.77 3.79 9.83 0.83 1.18 2.11	Olive oil (Olives) Blended Field Trials 12 samples 2% CT  4.44 5.56 7.49 2.08 2.22 3.95 2.77 3.79 9.83 0.83 1.18 2.11  Average residue = 3.85 Acute AR = 0.077
Chronic AR =0.01 ppm	Chronic AR = 1.0 ppm	Chronic AR = 3.85 ppm	Chronic AR = 3.85 ppm

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Peanuts Blended Field Trial 24 samples/no detects LOD = <0.02 6% CT  Average Residue = 1/2 LOD = 0.01  Acute AR = 0.0006 ppm	Pineapples - Mexico (Not blended commodities) Decomposed Used 2.5% in Analysis FDA 1992-98 Imports only 116 Mexican samples/94 detects 81% detects 1/2 LOD = 0.001 n = 10 Residues were 0.0001 - 42.7  RDF #81 Pineapples - not blended 81% (detected) Totalz=235 Totalnz=1000 see appendix K for residues	Pineapples -Mexico (Partially blended commodities) Used 2.5% in Analysis FDA 1992-98 Imports only 116 Mexican samples/94 detects 81% detects 1/2 LOD = 0.001  RDF # 82 Pineapples - Mexico 81% CT (detected) Totalz=22 Totalnz=94 see appendix J for residues	Pistachios Field Trials 12 samples  RDF #83 Pistachios 38% CT Totalz=20 Totalnz=12 0.026 0.026 0.03 0.01 0.01 0.01 0.073 0.089 0.099 0.01 0.01 0.01
Chronic AR = 0.01 ppm	Chronic AR =0.053 ppm	Chronic AR = 0.053 ppm	Chronic AR =0.03 ppm
Strawberry - FDA 1992 - 98 436 samples/ 48 detects 1/2 LOD = 0.001  RDF #84 Strawberry - FDA 24 % CT Totalz=331 Totalnz=48 57, 0.001 0.15 0.2 0.02 0.005 0.3 0.5 0.4 0.1 0.05 0.3 0.2 0.005 0.002 0.6 0.14 0.005 0.6 3.12 5.3 0.24 1.35 0.2 0.24 0.41 0.005 0.06 0.07 0.03 0.15 0.01 0.35 0.82 1.3 0.01 0.55 0.61 0.13 0.2 1.1 0.1 3.6 1.7 0.26 0.11 0.4 4 4 1	Sunflower oil Blended Field Trial data 15 samples 1% CT  Residues 0.01 0.029 0.036 0.01 0.01 0.01 0.01 0.01 0.01 0.065 0.079 0.090 0.047 0.077 0.129  Average residue = 0.04 Acute AR = 0.0004	Sunflower seeds Field Trial data 15 samples 1% CT  RDF # 85 Sunflower - FT 1% CT Totalz=1485 Totalnz=15 0.01 0.029 0.036 0.01 0.01 0.01 0.01 0.01 0.01 0.065 0.079 0.090 0.047 0.077 0.129	Milk translate to ruminant meat and fat Feeding study % CT based on alfalfa, feed grains, and forages % CT of 1%  RDF #86 Milk 1% CT Totalz=99 Totalnz=1 0.0299
Chronic AR = 0.0638 ppm	Chronic AR = 0.04 ppm	Chronic AR = 0.04 ppm	Chronic AR = 0.0003 ppm
Ruminant Liver Feeding study % CT based on alfalfa, feed grains, and forages % CT of 1%  RDF # 87 Ruminant Liver 1% CT Totalz=99 Totalnz=1 0.79	Ruminant Kidney Feeding study % CT based on alfalfa, feed grains, and forages % CT of 1%  RDF # 88 Ruminant Kidney 1% CT Totalz=99 Totalnz=1 2.1	Swine Meat Feeding study % CT based on feed grains, and forages % CT of 1%  RDF # 89 Swine Meat 1% CT Totalz=99 Totalnz=1 0.036	Swine Fat Feeding study % CT based on feed grains, and forages % CT of 1%  RDF # 90 Swine Fat 1% CT Totalz=99 Totalnz=1 0.0192
Chronic AR = 0.0063	Chronic AR = 0.0179	Chronic AR = 0.000348	Chronic AR = 0.000096

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

Swine Liver Feeding study % CT based on feed grains, and forages % CT of 1%  RDF # 91 Swine Liver 1% CT Totalz=99 Totalnz=0.102	Swine Kidney Feeding study % CT based on feed grains, and forages % CT of 1%  RDF # 92 Swine Kidney 1% CT Totalz=99 Totalnz=0.168		
Chronic AR = 0.000792	Chronic AR = 0.001428		
Pineapple - other countries FDA 1992-98 Used 47.5% of analysis No detects 1/2 LOD = 0.001 ppm  RDF # 95 Pineapples - other countries 50% CT (detected) Totalz=26 Totalfreq=1 25, 0.001	Plums not blended (Peaches PDP 1994 -1996 ) 1088 samples/168 detects 18% CT - 15% detected Residues decomp. ranged from 0.000119 - 46.3  RDF # 96 Plums (Peaches - PDP - decomp) 9% CT - 15% detected Totalz=12133 Totalnz=1000 200, 0.001 see Appendix H for residue values	Pineapple - Domestic No exposure Used 50% of analysis  RDF # 97 Pineapples - domestic 0% detected Totalz=26 Totalnz = 0	
Chronic AR = 0.053 ppm	Chronic AR = 0.07 ppm	Chronic AR = 0.053 ppm	
Carbamate Market Basket Study RDFs			
RDF # 98 Number of samples = 285 Apricots (Peach MBS) 2% CT - 20% detected Totalz=2842 Totalnz=58 0.0029 0.0013 0.0017 0.0018 0.0011 0.0029 0.0053 0.0019 0.0019 0.0026 1.1 0.0018 0.56 0.0037 0.52 0.0014 1.2 0.0025 0.0055 0.0067 1.1 0.13 0.23 0.010 0.0026 0.002 0.0013 0.021 0.0044 0.27 0.033 0.030 0.0096 0.18 0.022 0.0021 0.0061 0.0019 0.20 0.092 0.0019 0.0017 0.021 0.14 0.14 0.031 0.14 0.075 0.077 0.0012 0.061 0.040 0.0013 0.0099 0.26 0.0011 0.0020 0.047	RDF # 99 Number of samples = 395 Cauliflower - (Broccoli MBS) 4% CT Totalz=384 Totalfreq=1 16, 0.0005	RDF # 100 Number of samples = 399 Other Citrus 2% CT Totalz=388 Totalnz=11 0.0032 0.0017 0.015 0.0032 0.0017 0.0047 0.022 0.032 0.043 0.0052 0.013	RDF # 101 Number of samples = 399 Grapefruit (OrangeMBS) 6% CT Totalz=375 Totalnz=11 13, 0.0005 0.0032 0.0017 0.015 0.0032 0.0017 0.0047 0.022 0.032 0.043 0.0052 0.013

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

RDF # 102 Number of samples = 399 Leaf Lettuce - Market Basket Survey 2% CT Totalz=392 Totalnz=1 7, 0.0005 0.0014	RDF # 103 Number of samples = 399 Lemon (Orange MBS) 7% CT Totalz=371 Totalnz=11 17, 0.0005 0.0032 0.0017 0.015 0.0032 0.0017 0.0047 0.022 0.032 0.043 0.0052 0.0052 0.013	RDF # 104 Number of samples = 285 Nectarines (Peach MBS) 24% CT - 20% detected Totalz=217 Totalnz=58 10, 0.0005 0.0029 0.0013 0.0017 0.0018 0.0011 0.0029 0.0053 0.0019 0.0019 0.0026 1.1 0.0018 0.56 0.0037 0.52 0.0014 1.2 0.0025 0.0055 0.0067 1.1 0.13 0.23 0.010 0.0026 0.002 0.0013 0.021 0.0044 0.27 0.033 0.030 0.0096 0.18 0.022 0.0021 0.0061 0.0019 0.20 0.092 0.0019 0.0017 0.021 0.14 0.14 0.031 0.14 0.075 0.077 0.0012 0.061 0.040 0.0013 0.0099 0.26 0.0011 0.0020 0.047	RDF # 105 Number of samples = 400 Pears - (Apple MBS) 6% CT - 8% detected Totalz=1943 Totalnz=32 92, 0.0005 0.11 0.0011 0.11 0.21 0.017 0.0064 0.069 0.040 0.050 0.099 0.17 0.003 0.073 0.0011 0.021 0.005 0.0056 0.0059 0.054 0.016 0.0039 0.0012 0.14 0.0035 0.045 0.17 0.0085 0.0017 0.0024 0.035 0.068 0.093
RDF # 106 Number of samples = 285 Plum (Peach MBS) 4% CT - 20% detected Totalz=1392 Totalnz=58 0.0029 0.0013 0.0017 0.0018 0.0011 0.0029 0.0053 0.0019 0.0019 0.0026 1.1 0.0018 0.56 0.0037 0.52 0.0014 1.2 0.0025 0.0055 0.0067 1.1 0.13 0.23 0.010 0.0026 0.002 0.0013 0.021 0.0044 0.27 0.033 0.030 0.0096 0.18 0.022 0.0021 0.0061 0.0019 0.20 0.092 0.0019 0.0017 0.021 0.14 0.14 0.031 0.14 0.075 0.077 0.0012 0.061 0.040 0.0013 0.0099 0.26 0.0011 0.0020 0.047	RDF # 107 Number of samples = 400 Quince/Crabapples (Apple MBS) 2% CT - 8% detected Totalz=6076 Totalnz=32 92, 0.0005 0.11 0.0011 0.11 0.21 0.017 0.0064 0.069 0.040 0.050 0.099 0.17 0.003 0.073 0.0011 0.021 0.005 0.0056 0.0059 0.054 0.016 0.0039 0.0012 0.14 0.0035 0.045 0.17 0.0085 0.0017 0.0024 0.035 0.068 0.093	RDF # 108 Number of samples = 400 Apples - dried - MBS Totalnz=32 Totalfreq=1 368, 0.0005 0.11 0.0011 0.11 0.21 0.017 0.0064 0.069 0.040 0.050 0.099 0.17 0.003 0.073 0.0011 0.021 0.005 0.0056 0.0059 0.054 0.016 0.0039 0.0012 0.14 0.0035 0.045 0.17 0.0085 0.0017 0.0024 0.035 0.068 0.093	Replaces RDF # 14 Number of samples = 399 Lettuce - Market Basket Survey 8% CT Totalz=367 Totalnz=1 31, 0.0005 0.0014

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

<p>Replaces RDF # 17          Number of samples = 395          Broccoli - Market Basket Survey          9% CT          Totalz=359          Totalfreq=1          36, 0.0005</p>	<p>Replaces RDF # 33          Number of samples = 399          Tomato - Market Basket Survey          27% CT          Totalz=291          Totalfreq=1          108, 0.0005</p>	<p>Replaces RDF # 45          Number of samples = 399          Orange - Market Basket Survey          5% CT -          Totalz=379          Totalnz=11          9, 0.0005          0.0032          0.0017          0.015          0.0032          0.0017          0.0047          0.022          0.032          0.043          0.0052          0.013</p>	<p>Replaces RDF # 48          Number of samples = 400          Apples - Market Basket Survey          31% CT - 8% detected          Totalz=276          Totalnz=32          92, 0.0005          0.11 0.0011 0.11          0.21 0.017 0.0064          0.069 0.040 0.050          0.099 0.17 0.003          0.073 0.0011 0.021          0.005 0.0056 0.0059          0.054 0.016 0.0039          0.0012 0.14 0.0035          0.045 0.17 0.0085          0.0017 0.0024 0.035          0.068 0.093</p>
<p>Replaces RDF # 60          Number of samples = 285          Peach - Market Basket Survey          18% CT - 20% detected          Totalz=227          Totalnz=58          0.0029 0.0013 0.0017          0.0018 0.0011 0.0029          0.0053 0.0019 0.0019          0.0026 1.1 0.0018          0.56 0.0037 0.52          0.0014 1.2 0.0025          0.0055 0.0067 1.1          0.13 0.23 0.010          0.0026 0.002 0.0013          0.021 0.0044 0.27          0.033 0.030 0.0096          0.18 0.022 0.0021          0.0061 0.0019 0.20          0.092 0.0019 0.0017          0.021 0.14 0.14          0.031 0.14 0.075          0.077 0.0012 0.061          0.040 0.0013 0.0099          0.26 0.0011 0.0020          0.047</p>	<p>Replaces RDF # 75          Number of samples = 400          Bananas/Plantains          100% CT          Totalz=0          Totalnz=5          395, 0.0005          0.0019          0.0013          0.0011          0.0020          0.0016</p>	<p>Replaces RDF # 77          Number of samples = 393          Grapes - Market Basket Survey          12% CT          Totalz=346          Totalnz=31          16, 0.0005          0.0012 0.0026 0.020          0.21 0.030 0.0031          0.13 0.0027 0.032          0.015 0.28 0.073          0.0085 0.0011 0.012          0.062 0.010 0.19          0.0039 0.0012 0.0012          0.0013 0.0062 0.0032          0.014 0.18 0.78          0.36 0.022 0.0013          0.0011</p>	

**Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files**Appendix A      Orange Residues

0.02	0.033	0.025	0.01	0.038	0.059	0.013	0.033	0.042	0.11
0.043	0.042	0.025	0.03	0.01	0.01	0.098	0.033	0.11	0.033
0.05	0.068	0.079	0.16	0.013	0.03	0.013	0.035	0.013	0.01
0.025	0.02	0.025	0.033	0.01	0.12	0.089	0.033	0.013	0.01
0.055	0.056	0.025	0.053	0.01	0.033	0.013	0.071	0.013	0.046
0.02	0.02	0.033	0.075	0.01	0.092	0.049	0.013	0.066	0.01
0.05	0.054	0.007	0.19	0.033	0.04	0.036	0.013	0.024	0.035
0.025	0.16	0.04	0.081	0.033	0.01	0.027	0.11	0.064	0.11
0.02	0.025	0.12	0.087	0.025	0.01	0.013	0.01	0.013	0.097
0.025	0.11	0.02	0.054	0.04	0.01	0.013	0.013	0.1	0.01
0.089	0.025	0.077	0.087	0.02	0.19	0.082	0.013	0.13	0.024
0.007	0.02	0.007	0.023	0.026	0.013	0.013	0.028	0.068	0.03
0.02	0.15	0.11	0.024	0.028	0.01	0.033	0.013	0.033	0.034
0.007	0.02	0.049	0.11	0.033	0.04	0.035	0.013	0.11	0.12
0.055	0.02	0.083	0.025	0.1	0.04	0.01	0.01	0.12	0.07
0.061	0.02	0.14	0.01	0.11	0.026	0.01	0.06	0.035	0.07
0.025	0.02	0.033	0.01	0.03	0.032	0.01	0.033	0.035	0.01
0.02	0.02	0.04	0.033	0.04	0.01	0.01	0.013	0.035	0.024
0.05	0.098	0.075	0.058						

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

### Appendix B - Orange residues decomposed

0.000043	0.001396	0.002458	0.003654	0.005069	0.006682	0.008634	0.011029	0.013899
0.000153	0.001396	0.002477	0.003680	0.005073	0.006710	0.008674	0.011040	0.013978
0.000227	0.001414	0.002505	0.003702	0.005089	0.006766	0.008683	0.011089	0.013992
0.000249	0.001418	0.002512	0.003727	0.005090	0.006774	0.008718	0.011112	0.014041
0.000265	0.001469	0.002544	0.003734	0.005143	0.006790	0.008765	0.011176	0.014051
0.000276	0.001470	0.002546	0.003744	0.005147	0.006811	0.008816	0.011222	0.014130
0.000352	0.001478	0.002571	0.003781	0.005182	0.006836	0.008839	0.011270	0.014180
0.000366	0.001498	0.002575	0.003802	0.005226	0.006840	0.008857	0.011279	0.014239
0.000376	0.001512	0.002607	0.003824	0.005243	0.006916	0.008894	0.011330	0.014319
0.000408	0.001531	0.002612	0.003834	0.005264	0.006951	0.008902	0.011370	0.014417
0.000426	0.001560	0.002645	0.003861	0.005292	0.006973	0.008969	0.011444	0.014441
0.000450	0.001561	0.002661	0.003864	0.005316	0.006989	0.009025	0.011493	0.014493
0.000471	0.001601	0.002673	0.003905	0.005342	0.007011	0.009048	0.011550	0.014507
0.000485	0.001607	0.002675	0.003934	0.005350	0.007042	0.009088	0.011555	0.014592
0.000516	0.001612	0.002722	0.003972	0.005403	0.007106	0.009133	0.011587	0.014638
0.000545	0.001629	0.002724	0.003979	0.005405	0.007128	0.009161	0.011634	0.014687
0.000550	0.001657	0.002762	0.004025	0.005437	0.007137	0.009209	0.011682	0.014732
0.000571	0.001666	0.002763	0.004030	0.005470	0.007153	0.009237	0.011758	0.014797
0.000596	0.001681	0.002800	0.004047	0.005491	0.007192	0.009274	0.011797	0.014852
0.000615	0.001714	0.002807	0.004058	0.005518	0.007224	0.009281	0.011842	0.014929
0.000642	0.001740	0.002829	0.004089	0.005552	0.007277	0.009322	0.011865	0.014953
0.000663	0.001746	0.002846	0.004115	0.005556	0.007293	0.009380	0.011872	0.015062
0.000684	0.001754	0.002875	0.004122	0.005593	0.007336	0.009395	0.011951	0.015073
0.000699	0.001762	0.002893	0.004126	0.005619	0.007356	0.009441	0.012023	0.015139
0.000709	0.001798	0.002899	0.004174	0.005657	0.007413	0.009502	0.012065	0.015157
0.000726	0.001811	0.002901	0.004179	0.005671	0.007417	0.009536	0.012074	0.015257
0.000746	0.001848	0.002947	0.004231	0.005688	0.007455	0.009563	0.012167	0.015330
0.000779	0.001851	0.002958	0.004231	0.005694	0.007462	0.009591	0.012185	0.015396
0.000804	0.001871	0.002986	0.004258	0.005746	0.007513	0.009677	0.012261	0.015400
0.000807	0.001884	0.003012	0.004279	0.005757	0.007554	0.009684	0.012272	0.015491
0.000831	0.001900	0.003030	0.004293	0.005798	0.007560	0.009702	0.012345	0.015563
0.000838	0.001913	0.003045	0.004305	0.005804	0.007616	0.009725	0.012379	0.015589
0.000876	0.001945	0.003083	0.004351	0.005848	0.007656	0.009773	0.012446	0.015650
0.000886	0.001951	0.003086	0.004357	0.005877	0.007667	0.009796	0.012480	0.015721
0.000896	0.001956	0.003107	0.004400	0.005922	0.007690	0.009868	0.012516	0.015737
0.000897	0.001988	0.003123	0.004414	0.005938	0.007698	0.009914	0.012595	0.015842
0.000941	0.002000	0.003129	0.004457	0.005982	0.007755	0.009931	0.012616	0.015918
0.000954	0.002002	0.003167	0.004465	0.005989	0.007794	0.009959	0.012666	0.015967
0.000982	0.002035	0.003176	0.004485	0.006002	0.007837	0.010049	0.012719	0.016059
0.000992	0.002060	0.003179	0.004496	0.006005	0.007865	0.010059	0.012760	0.016143
0.001022	0.002070	0.003213	0.004543	0.006079	0.007876	0.010098	0.012820	0.016147
0.001027	0.002079	0.003215	0.004551	0.006092	0.007900	0.010157	0.012860	0.016203
0.001031	0.002106	0.003259	0.004564	0.006118	0.007965	0.010167	0.012919	0.016228
0.001038	0.002113	0.003265	0.004569	0.006140	0.007992	0.010201		0.016361
0.001080	0.002139	0.003318	0.004645	0.006173	0.008012	0.010265	0.012947	0.016396
0.001099	0.002152	0.003322	0.004647	0.006183	0.008064	0.010316	0.013021	0.016443
0.001104	0.002186	0.003357	0.004678	0.006239	0.008124	0.010359	0.013075	0.016488
0.001107	0.002190	0.003359	0.004699	0.006267	0.008131	0.010363	0.013123	0.016616
0.001144	0.002217	0.003378	0.004712	0.006275	0.008141	0.010422	0.013183	0.016642
0.001161	0.002229	0.003385	0.004744	0.006304	0.008155	0.010436	0.013209	0.016725
0.001171	0.002238	0.003408	0.004748	0.006330	0.008229	0.010485	0.013268	0.016749
0.001175	0.002245	0.003439	0.004767	0.006363	0.008240	0.010544	0.013342	0.016889
0.001211	0.002278	0.003456	0.004836	0.006420	0.008275	0.010616	0.013382	0.016948
0.001231	0.002305	0.003457	0.004838	0.006425	0.008300	0.010618	0.013393	0.017015
0.001247	0.002321	0.003491	0.004846	0.006443	0.008350	0.010645	0.013430	0.017041
0.001268	0.002344	0.003498	0.004870	0.006445	0.008377	0.010698	0.013508	0.017086
0.001286	0.002367	0.003530	0.004920	0.006529	0.008431	0.010758	0.013509	0.017104
0.001303	0.002379	0.003547	0.004927	0.006529	0.008455	0.010787	0.013623	0.017310
0.001311	0.002382	0.003570	0.004955	0.006599	0.008480	0.010842	0.013656	0.017332
0.001314	0.002395	0.003588	0.004973	0.006601	0.008510	0.010871	0.013701	0.017428
0.001362	0.002425	0.003630	0.004986	0.006641	0.008585	0.010925	0.013728	0.017460
0.001368	0.002448	0.003638	0.004992	0.006653	0.008607	0.010929	0.013878	0.017496

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

0.017556	0.021307	0.026119	0.032115	0.040263	0.051677	0.069460	0.100161	0.175426
0.017705	0.021419	0.026371	0.032171	0.040681	0.051787	0.069741	0.101358	0.179157
0.017726	0.021437	0.026378	0.032400	0.040764	0.052478	0.070091	0.102634	0.180162
0.017863	0.021691	0.026394	0.032572	0.041048	0.052505	0.070668	0.103083	0.184585
0.017866	0.021723	0.026527	0.032717	0.041168	0.053002	0.071460	0.104062	0.186891
0.017987	0.021730	0.026718	0.032869	0.041432	0.053177	0.071918	0.104517	0.188410
0.017991	0.021852	0.026797	0.032996	0.041563	0.053544	0.071974	0.106154	0.189242
0.018091	0.021953	0.026828	0.033018	0.041702	0.053622	0.072854	0.107556	0.195158
0.018114	0.022014	0.026896	0.033276	0.041848	0.054047	0.073362	0.108714	0.196066
0.018218	0.022213	0.027182	0.033495	0.042192	0.054063	0.073655	0.109591	0.200657
0.018228	0.022237	0.027267	0.033752	0.042325	0.055069	0.074463	0.111546	0.202731
0.018309	0.022262	0.027364	0.033773	0.042462	0.055120	0.074614	0.111799	0.211527
0.018341	0.022424	0.027411	0.034034	0.042745	0.055384	0.074726	0.112381	0.215130
0.018449	0.022497	0.027504	0.034059	0.043063	0.055537	0.075645	0.112941	0.219958
0.018525	0.022522	0.027606	0.034156	0.043233	0.055929	0.076691	0.114951	0.223187
0.018636	0.022626	0.027899	0.034398	0.043448	0.056273	0.077114	0.115848	0.225791
0.018725	0.022781	0.027959	0.034478	0.043487	0.056608	0.077116	0.116366	0.231400
0.018777	0.022904	0.028035	0.034665	0.043714	0.056655	0.077932	0.117197	0.235616
0.018830	0.022943	0.028140	0.034863	0.043864	0.057376	0.078178	0.120985	0.235634
0.018938	0.023101	0.028227	0.034959	0.044270	0.057795	0.079174	0.120991	0.246444
0.018973	0.023156	0.028239	0.035274	0.044379	0.058315	0.079748	0.121752	0.248895
0.019052	0.023159	0.028450	0.035398	0.044832	0.058434	0.080194	0.122446	0.257043
0.019056	0.023254	0.028522	0.035569	0.044992	0.058834	0.080829	0.125247	0.262337
0.019198	0.023365	0.028740	0.035634	0.045123	0.059221	0.082242	0.126372	0.268853
0.019289	0.023439	0.028897	0.035877	0.045417	0.059751	0.082453	0.127772	0.268969
0.019450	0.023628	0.028962	0.035920	0.045529	0.059761	0.082927	0.128838	0.284019
0.019461	0.023699	0.029099	0.036088	0.045823	0.060177	0.082978	0.130456	0.288194
0.019546	0.023796	0.029266	0.036309	0.046139	0.060325	0.084614	0.131897	0.303912
0.019561	0.023869	0.029400	0.036516	0.046379	0.061045	0.084980	0.133229	0.307660
0.019641	0.023922	0.029483	0.036561	0.046750	0.061263	0.085079	0.134886	0.322014
0.019763	0.024071	0.029540	0.036855	0.046913	0.061885	0.086206	0.135468	0.328990
0.019829	0.024113	0.029741	0.037068	0.046957	0.062120	0.086542	0.136782	0.339508
0.019897	0.024237	0.029765	0.037153	0.047112	0.062447	0.087447	0.140523	0.343924
0.019937	0.024335	0.030160	0.037332	0.047554	0.062557	0.088369	0.140592	0.375344
0.020018	0.024493	0.030178	0.037615	0.047704	0.063219	0.088954	0.142335	0.375349
0.020110	0.024655	0.030263	0.037747	0.047936	0.063640	0.089815	0.142801	0.420784
0.020148	0.024676	0.030411	0.038035	0.048327	0.064056	0.089901	0.146687	0.422542
0.020262	0.024753	0.030625	0.038106	0.048548	0.064444	0.091122	0.147895	0.445609
0.020399	0.024842	0.030658	0.038159	0.048849	0.064838	0.091908	0.148973	0.455397
0.020504	0.024964	0.030729	0.038211	0.049031	0.065158	0.092670	0.150342	0.479871
0.020542	0.024994	0.030745	0.038522	0.049258	0.065792	0.093022	0.153141	0.515625
0.020638	0.025151	0.031152	0.038838	0.049510	0.065795	0.094136	0.153776	0.553178
0.020702	0.025181	0.031167	0.039018	0.049905	0.066202	0.094317	0.159801	0.577879
0.020730	0.025319	0.031281	0.039178	0.050240	0.067022	0.095155	0.159913	0.727594
0.020762	0.025415	0.031294	0.039458	0.050453	0.067196	0.095646	0.162551	0.777848
0.020910	0.025632	0.031560	0.039542	0.050574	0.067372	0.096894	0.163659	0.938138
0.020939	0.025691	0.031776	0.039775	0.050717	0.067912	0.097932	0.168510	1.078748
0.021111	0.025765	0.031922	0.039835	0.051248	0.068643	0.099240	0.169539	1.183047
0.021215	0.025819	0.032052	0.040132	0.051560	0.069225	0.099423	0.171822	1.682955
0.021223		0.026077						

## **Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files**

### Appendix C. Apples Residues Decomposed

1067, 0.013	0.001813	0.003648	0.005877	0.008575	0.011980	0.016261	0.021676	0.028668
0.000080	0.001855	0.003670	0.005916	0.008626	0.012020	0.016303	0.021704	0.028730
0.000151	0.001856	0.003727	0.005919	0.008640	0.012071	0.016394	0.021878	0.028780
0.000192	0.001912	0.003738	0.005992	0.008776	0.012131	0.016426	0.021988	0.029055
0.000236	0.001913	0.003769	0.006033	0.008790	0.012140	0.016522	0.022011	0.029102
0.000276	0.001963	0.003818	0.006053	0.008854	0.012266	0.016682	0.022183	0.029255
0.000280	0.001981	0.003849	0.006090	0.008858	0.012279	0.016731	0.022270	0.029402
0.000336	0.002024	0.003911	0.006149	0.008956	0.012377	0.016757	0.022353	0.029605
0.000380	0.002048	0.003914	0.006166	0.008963	0.012484	0.016806	0.022444	0.029726
0.000393	0.002089	0.003952	0.006221	0.009018	0.012550	0.016896	0.022553	0.029837
0.000438	0.002106	0.003974	0.006245	0.009087	0.012566	0.017001	0.022609	0.029852
0.000467	0.002163	0.004042	0.006325	0.009162	0.012638	0.017080	0.022824	0.030058
0.000496	0.002169	0.004062	0.006329	0.009181	0.012703	0.017213	0.022857	0.030160
0.000515	0.002191	0.004119	0.006424	0.009229	0.012760	0.017278	0.022951	0.030388
0.000523	0.002210	0.004129	0.006426	0.009241	0.012842	0.017304	0.022972	0.030473
0.000575	0.002260	0.004149	0.006481	0.009408	0.012982	0.017391	0.023190	0.030628
0.000597	0.002267	0.004154	0.006523	0.009409	0.013000	0.017532	0.023253	0.030646
0.000638	0.002303	0.004213	0.006553	0.009469	0.013036	0.017577	0.023541	0.030899
0.000650	0.002304	0.004235	0.006569	0.009476	0.013115	0.017694	0.023544	0.030929
0.000715	0.002377	0.004320	0.006635	0.009582	0.013138	0.017792	0.023563	0.031203
0.000727	0.002380	0.004328	0.006640	0.009591	0.013209	0.017825	0.023622	0.031325
0.000736	0.002412	0.004367	0.006699	0.009622	0.013286	0.017975	0.023816	0.031621
0.000765	0.002455	0.004370	0.006720	0.009698	0.013292	0.017991	0.023869	0.031634
0.000784	0.002464	0.004407	0.006846	0.009777	0.013441	0.018180	0.024095	0.031736
0.000821	0.002490	0.004423	0.006864	0.009787	0.013519	0.018184	0.024110	0.031766
0.000860	0.002526	0.004485	0.006871	0.009840	0.013628	0.018316	0.024298	0.032160
0.000871	0.002565	0.004534	0.006941	0.009914	0.013663	0.018367	0.024420	0.032263
0.000902	0.002572	0.004554	0.006959	0.009985	0.013678	0.018384	0.024495	0.032304
0.000924	0.002575	0.004582	0.006963	0.010044	0.013685	0.018544	0.024509	0.032520
0.000977	0.002656	0.004624	0.007067	0.010082	0.013857	0.018590	0.024662	0.032708
0.000992	0.002659	0.004662	0.007093	0.010143	0.013891	0.018593	0.024776	0.032875
0.000998	0.002695	0.004687	0.007142	0.010234	0.013990	0.018872	0.024940	0.032937
0.001014	0.002704	0.004698	0.007181	0.010245	0.014056	0.018891	0.024942	0.032979
0.001056	0.002782	0.004760	0.007257	0.010316	0.014146	0.018992	0.025120	0.033186
0.001086	0.002796	0.004786	0.007290	0.010333	0.014176	0.019021	0.025197	0.033395
0.001105	0.002845	0.004876	0.007316	0.010425	0.014277	0.019115	0.025353	0.033554
0.001140	0.002864	0.004892	0.007326	0.010444	0.014329	0.019182	0.025427	0.033767
0.001157	0.002889	0.004912	0.007399	0.010577	0.014433	0.019265	0.025594	0.033945
0.001160	0.002921	0.004925	0.007449	0.010583	0.014453	0.019292	0.025772	0.033960
0.001255	0.002954	0.005001	0.007491	0.010644	0.014577	0.019465	0.025843	0.034202
0.001255	0.002957	0.005034	0.007508	0.010694	0.014606	0.019596	0.025929	0.034379
0.001260	0.003029	0.005058	0.007642	0.010747	0.014664	0.019651	0.026025	0.034627
0.001276	0.003041	0.005072	0.007643	0.010813	0.014763	0.019766	0.026044	0.034704
0.001328	0.003071	0.005161	0.007730	0.010822	0.014778	0.019860	0.026401	0.034878
0.001360	0.003092	0.005188	0.007750	0.010881	0.014785	0.019910	0.026458	0.034964
0.001397	0.003121	0.005198	0.007769	0.010957	0.014945	0.020114	0.026574	0.035172
0.001409	0.003162	0.005235	0.007844	0.010969	0.015030	0.020120	0.026577	0.035290
0.001427	0.003204	0.005268	0.007889	0.011102	0.015108	0.020279	0.026873	0.035528
0.001460	0.003212	0.005270	0.007927	0.011107	0.015165	0.020333	0.026910	0.035638
0.001470	0.003243	0.005375	0.007950	0.011217	0.015315	0.020356	0.026986	0.035780
0.001502	0.003277	0.005404	0.007962	0.011272	0.015324	0.020366	0.027139	0.035924
0.001547	0.003295	0.005440	0.008051	0.011291	0.015403	0.020554	0.027295	0.036071
0.001563	0.003295	0.005479	0.008093	0.011346	0.015506	0.020618	0.027373	0.036217
0.001579	0.003361	0.005493	0.008159	0.011451	0.015539	0.020826	0.027468	0.036330
0.001582	0.003379	0.005508	0.008202	0.011493	0.015549	0.020886	0.027673	0.036545
0.001647	0.003426	0.005629	0.008227	0.011528	0.015758	0.020931	0.027863	0.036857
0.001679	0.003438	0.005636	0.008291	0.011541	0.015771	0.021019	0.027879	0.036910
0.001709	0.003486	0.005654	0.008363	0.011701	0.015828	0.021238	0.028055	0.037177
0.001730	0.003512	0.005714	0.008388	0.011716	0.015887	0.021286	0.028169	0.037244
0.001745	0.003567	0.005766	0.008480	0.011798	0.016066	0.021407	0.028261	0.037480
0.001762	0.003593	0.005780	0.008482	0.011809	0.016070	0.021472	0.028314	0.037532
0.001810	0.003615	0.005870	0.008539	0.011919	0.016217	0.021554	0.028556	0.037717

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

0.037859	0.047710	0.060502	0.077440	0.101381	0.136405	0.194044	0.301924	0.579012
0.038028	0.047953	0.060842	0.077956	0.101922	0.137580	0.194648	0.302931	0.583143
0.038272	0.047971	0.061080	0.078585	0.102079	0.138084	0.196374	0.307876	0.596497
0.038431	0.048475	0.061816	0.078600	0.103368	0.138213	0.199441	0.308901	0.604191
0.038548	0.048770	0.061826	0.079101	0.104018	0.140060	0.200198	0.313259	0.618276
0.038971	0.048781	0.062083	0.079137	0.105047	0.141332	0.202472	0.315630	0.649208
0.039007	0.048935	0.062441	0.080073	0.105054	0.142595	0.202936	0.321723	0.650433
0.039121	0.049611	0.062845	0.080438	0.105903	0.143067	0.205087	0.322531	0.655777
0.039396	0.049621	0.062896	0.081390	0.106203	0.144214	0.206291	0.326377	0.668333
0.039455	0.049842	0.063395	0.081593	0.107071	0.145013	0.208404	0.331076	0.682272
0.039706	0.049918	0.063527	0.081751	0.107197	0.145793	0.210228	0.333324	0.683577
0.039871	0.050423	0.063958	0.081949	0.108389	0.146898	0.211100	0.334984	0.711373
0.040098	0.050460	0.064449	0.082553	0.108850	0.148021	0.213058	0.342926	0.715882
0.040259	0.050724	0.064579	0.083038	0.109444	0.148351	0.214248	0.347277	0.747953
0.040325	0.050746	0.064846	0.083765	0.110000	0.150526	0.216181	0.348784	0.748935
0.040595	0.051218	0.065289	0.084053	0.111482	0.151264	0.220687	0.350472	0.809611
0.040841	0.051561	0.065368	0.084396	0.111619	0.153270	0.220694	0.357178	0.811960
0.040942	0.051672	0.065817	0.084908	0.111713	0.153490	0.221407	0.361739	0.842521
0.041100	0.051723	0.066433	0.085336	0.112147	0.153804	0.224712	0.369157	0.854182
0.041279	0.052290	0.066996	0.085991	0.113321	0.154291	0.225786	0.374225	0.876402
0.041587	0.052524	0.067076	0.086724	0.113949	0.156380	0.226590	0.376534	0.906656
0.041842	0.052690	0.067367	0.086844	0.114740	0.156854	0.231474	0.377653	0.913831
0.042018	0.053027	0.067617	0.087588	0.114852	0.159128	0.232714	0.384214	0.955418
0.042281	0.053219	0.068205	0.087763	0.115811	0.159181	0.233423	0.391837	0.970001
0.042393	0.053564	0.068281	0.088696	0.116177	0.160454	0.233684	0.394854	1.018766
0.042496	0.053617	0.068552	0.088940	0.117889	0.161429	0.237448	0.401850	1.024320
0.042663	0.053904	0.069109	0.089193	0.117995	0.164039	0.241132	0.404952	1.072022
0.042976	0.054526	0.069664	0.089650	0.119123	0.164651	0.242967	0.407618	1.092786
0.043090	0.054608	0.069673	0.089982	0.119400	0.165998	0.243710	0.416874	1.093841
0.043226	0.054796	0.069931	0.090043	0.120739	0.166565	0.250005	0.418449	1.176887
0.043555	0.055088	0.070318	0.091647	0.121052	0.169353	0.250094	0.428259	1.209392
0.043738	0.055315	0.070659	0.091815	0.121765	0.169561	0.253433	0.433796	1.297576
0.043956	0.055496	0.070662	0.092078	0.122446	0.170206	0.253838	0.445198	1.306557
0.044092	0.055867	0.071379	0.092081	0.123723	0.170309	0.257369	0.449359	1.401623
0.044332	0.056228	0.071723	0.093592	0.123769	0.172858	0.258494	0.455684	1.493034
0.044677	0.056357	0.072193	0.093701	0.124962	0.173500	0.261149	0.455692	1.619153
0.044766	0.056683	0.072506	0.094141	0.125993	0.176301	0.261723	0.465135	1.659000
0.044973	0.056945	0.073209	0.094418	0.126286	0.176621	0.268669	0.474726	1.700678
0.045228	0.057114	0.073475	0.095274	0.127281	0.177645	0.269991	0.480508	1.805411
0.045456	0.057657	0.073754	0.096044	0.128166	0.179900	0.274214	0.492559	2.079092
0.045645	0.057715	0.074171	0.096138	0.128629	0.181321	0.275200	0.495851	2.146204
0.045892	0.057962	0.074493	0.096371	0.129905	0.182500	0.277474	0.505381	2.435816
0.045938	0.058371	0.074965	0.097249	0.130174	0.183663	0.280961	0.510990	2.503414
0.046195	0.058530	0.075243	0.097545	0.132278	0.183980	0.281664	0.521837	2.940322
0.046449	0.058750	0.075611	0.098417	0.132447	0.186212	0.282342	0.537060	2.978321
0.046596	0.059163	0.076318	0.099116	0.132808	0.188244	0.286881	0.541775	3.882973
0.046892	0.059206	0.076398	0.100097	0.133472	0.189911	0.292489	0.553794	4.282962
0.047264	0.059656	0.076990	0.100504	0.134709	0.190148	0.292971	0.560509	7.289950
0.047278	0.060042	0.077283	0.100678	0.135269	0.193151	0.294198	0.566153	7.349416
0.047624		0.060229						

## **Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files**

### Appendix D Apple Residues

305, 0.013	0.02	0.03	0.042	0.06	0.083	0.12	0.13	0.22	0.38
0.007	0.02	0.03	0.042	0.06	0.087	0.12	0.13	0.23	0.38
0.007	0.02	0.03	0.042	0.06	0.087	0.12	0.14	0.23	0.38
0.01	0.02	0.03	0.042	0.06	0.088	0.12	0.14	0.24	0.39
0.01	0.02	0.033	0.042	0.06	0.089	0.12	0.14	0.24	0.42
0.01	0.02	0.033	0.042	0.06	0.09	0.12	0.14	0.25	0.42
0.01	0.02	0.033	0.042	0.06	0.09	0.13	0.14	0.25	0.44
0.01	0.02	0.033	0.042	0.06	0.092	0.13	0.14	0.25	0.44
0.01	0.02	0.033	0.043	0.06	0.097	0.13	0.14	0.25	0.46
0.01	0.02	0.033	0.043	0.06	0.098	0.13	0.14	0.25	0.46
0.01	0.02	0.033	0.043	0.06	0.098	0.13	0.15	0.26	0.47
0.01	0.02	0.033	0.044	0.06	0.099	0.13	0.15	0.27	0.53
0.01	0.02	0.033	0.046	0.061	0.099	0.13	0.17	0.28	0.53
0.01	0.024	0.033	0.05	0.061	0.099	0.13	0.17	0.28	0.55
0.01	0.024	0.035	0.054	0.061	0.1	0.13	0.18	0.28	0.56
0.01	0.025	0.035	0.055	0.061	0.1	0.13	0.18	0.28	0.59
0.013	0.025	0.035	0.056	0.064	0.1	0.13	0.18	0.29	0.64
0.013	0.025	0.036	0.056	0.067	0.1	0.13	0.19	0.29	0.67
0.013	0.025	0.037	0.056	0.069	0.1	0.13	0.19	0.3	0.68
0.013	0.025	0.038	0.057	0.07	0.11	0.13	0.2	0.3	0.73
0.013	0.025	0.04	0.057	0.07	0.11	0.13	0.2	0.3	0.74
0.013	0.025	0.04	0.058	0.07	0.11	0.13	0.2	0.31	0.74
0.018	0.025	0.04	0.058	0.07	0.11	0.13	0.2	0.31	0.86
0.02	0.025	0.04	0.058	0.075	0.11	0.13	0.2	0.33	0.87
0.02	0.025	0.041	0.059	0.076	0.11	0.13	0.21	0.35	0.87
0.02	0.025	0.042	0.06	0.079	0.11	0.13	0.21	0.36	0.91
0.02	0.026	0.042	0.06	0.08	0.12	0.13	0.21	0.36	1
0.02	0.027	0.042	0.06	0.082	0.12	0.13	0.22	0.37	1.2
0.02	0.03	0.042	0.06	0.083	0.12				

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

### Appendix E Apple juice residues

0.011	0.011	0.007	0.042	0.05	0.007	0.042	0.019	0.007	0.01
0.027	0.011	0.027	0.023	0.013	0.007	0.01	0.007	0.042	0.013
0.013	0.062	0.007	0.013	0.013	0.007	0.01	0.017	0.042	0.027
0.013	0.011	0.035	0.007	0.013	0.007	0.01	0.01	0.017	0.01
0.099	0.033	0.013	0.007	0.01	0.007	0.01	0.017	0.017	0.057
0.056	0.09	0.01	0.007	0.028	0.007	0.013	0.042	0.017	0.013
0.05	0.013	0.013	0.023	0.035	0.007	0.038	0.013	0.01	0.042
0.073	0.013	0.007	0.01	0.016	0.013	0.042	0.013	0.044	0.072
0.01	0.013	0.01	0.01	0.007	0.007	0.01	0.013	0.01	0.013
0.027	0.01	0.007	0.01	0.007	0.007	0.01	0.01	0.045	0.013
0.035	0.011	0.007	0.01	0.007	0.007	0.01	0.01	0.01	0.042
0.011	0.007	0.007	0.013	0.055	0.007	0.01	0.01	0.01	0.042
0.042	0.01	0.037	0.007	0.007	0.007	0.01	0.01	0.01	0.017
0.06	0.013	0.017	0.01	0.042	0.007	0.01	0.039	0.01	0.034
0.013	0.013	0.11	0.11	0.01	0.03	0.028	0.045	0.075	0.007
0.028	0.031	0.007	0.036	0.01	0.007	0.01	0.036	0.025	0.043
0.011	0.013	0.022	0.007	0.007	0.007	0.047	0.042	0.042	0.013
0.036	0.076	0.013	0.007	0.007	0.027	0.042	0.017	0.007	0.007
0.025	0.013	0.007	0.007	0.019	0.013	0.042	0.017	0.017	0.007
0.011	0.007	0.015	0.007	0.007	0.057	0.013	0.042	0.042	0.007
0.011	0.017	0.007	0.007	0.01	0.038	0.042	0.007	0.042	0.007
0.011	0.074	0.007	0.007	0.007	0.007	0.042	0.007	0.042	0.007
0.011	0.01	0.014	0.022	0.007	0.007	0.01	0.01	0.034	0.007
0.062	0.018	0.033	0.01	0.06	0.01	0.01	0.01	0.017	0.032
0.011	0.007	0.013	0.031	0.023	0.013	0.01	0.01	0.051	0.013
0.033	0.007	0.013	0.167	0.007	0.013	0.01	0.013	0.017	0.077
0.042	0.017	0.013	0.04	0.04	0.12	0.031	0.013	0.007	0.034
0.064	0.026	0.007	0.017	0.007	0.007	0.007	0.013	0.014	0.025
0.011	0.01	0.042	0.017	0.007	0.007	0.007	0.042	0.007	0.014
0.01	0.021	0.007	0.017	0.079	0.007	0.007	0.042	0.015	0.01
0.01	0.007	0.007	0.022	0.017	0.017	0.015	0.042	0.042	0.007
0.01	0.007	0.007	0.01	0.017	0.017	0.007	0.013	0.01	0.01
0.01	0.007	0.021	0.013	0.01	0.027	0.007	0.092	0.007	0.01
0.01	0.013	0.007	0.014	0.01	0.013	0.039	0.007	0.007	0.01
0.013	0.042	0.007	0.081	0.007	0.013	0.042	0.01	0.007	0.007
0.013	0.007	0.013	0.007	0.007	0.013	0.049	0.01	0.007	0.007
0.046	0.007	0.013	0.042	0.007	0.007	0.013	0.01	0.007	0.007
0.039	0.007	0.007	0.042	0.007	0.01	0.007	0.01	0.007	0.007
0.013	0.013	0.013	0.058	0.007	0.007	0.007	0.01	0.007	0.007
0.036	0.013	0.007	0.007	0.007	0.01	0.007	0.007	0.007	0.007
0.013	0.042	0.094	0.033	0.007	0.007	0.007	0.007	0.014	0.007
0.032	0.017	0.017	0.007	0.007	0.007	0.007	0.007	0.007	0.007
0.011	0.013	0.017	0.007	0.007	0.007	0.007	0.007	0.007	0.013
0.031	0.033	0.01	0.007	0.017	0.007	0.007	0.007	0.007	0.01
0.011	0.007	0.01	0.013	0.007	0.007	0.007	0.007	0.007	0.013
0.03	0.015	0.01	0.007	0.007	0.007	0.007	0.007	0.007	0.013

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

### Appendix F Pear Decomposition Residues

0.000026	0.000625	0.001303	0.002171	0.003268	0.004662	0.006498	0.008863	0.011972
0.000036	0.000636	0.001308	0.002179	0.003284	0.004701	0.006522	0.008885	0.011999
0.000057	0.000640	0.001325	0.002195	0.003307	0.004714	0.006558	0.008968	0.012123
0.000060	0.000648	0.001335	0.002214	0.003318	0.004763	0.006606	0.009003	0.012159
0.000072	0.000665	0.001356	0.002246	0.003348	0.004811	0.006652	0.009031	0.012244
0.000081	0.000667	0.001356	0.002249	0.003359	0.004816	0.006656	0.009037	0.012264
0.000106	0.000682	0.001373	0.002265	0.003382	0.004839	0.006679	0.009107	0.012359
0.000110	0.000694	0.001384	0.002283	0.003407	0.004868	0.006695	0.009138	0.012424
0.000118	0.000704	0.001405	0.002306	0.003434	0.004869	0.006766	0.009204	0.012503
0.000133	0.000709	0.001419	0.002307	0.003445	0.004872	0.006795	0.009241	0.012530
0.000146	0.000721	0.001436	0.002331	0.003483	0.004926	0.006813	0.009291	0.012561
0.000146	0.000726	0.001443	0.002342	0.003501	0.004951	0.006865	0.009310	0.012657
0.000154	0.000742	0.001450	0.002361	0.003511	0.005019	0.006920	0.009372	0.012681
0.000156	0.000754	0.001466	0.002365	0.003539	0.005025	0.006946	0.009401	0.012751
0.000180	0.000758	0.001491	0.002391	0.003549	0.005046	0.006952	0.009496	0.012848
0.000180	0.000777	0.001493	0.002401	0.003583	0.005068	0.007006	0.009551	0.012881
0.000206	0.000786	0.001515	0.002423	0.003593	0.005096	0.007038	0.009616	0.012949
0.000206	0.000790	0.001521	0.002442	0.003619	0.005097	0.007081	0.009618	0.012993
0.000217	0.000800	0.001533	0.002458	0.003642	0.005151	0.007128	0.009731	0.013123
0.000221	0.000810	0.001542	0.002461	0.003654	0.005163	0.007141	0.009742	0.013178
0.000238	0.000822	0.001555	0.002503	0.003677	0.005203	0.007167	0.009771	0.013269
0.000244	0.000828	0.001562	0.002516	0.003709	0.005204	0.007230	0.009821	0.013304
0.000252	0.000843	0.001594	0.002531	0.003750	0.005252	0.007263	0.009870	0.013320
0.000260	0.000861	0.001605	0.002548	0.003754	0.005300	0.007297	0.009907	0.013410
0.000264	0.000883	0.001609	0.002562	0.003779	0.005350	0.007359	0.009966	0.013519
0.000273	0.000883	0.001630	0.002565	0.003782	0.005362	0.007366	0.009992	0.013571
0.000296	0.000901	0.001639	0.002593	0.003811	0.005402	0.007390	0.010037	0.013576
0.000298	0.000903	0.001651	0.002610	0.003835	0.005414	0.007400	0.010110	0.013598
0.000312	0.000906	0.001678	0.002626	0.003876	0.005422	0.007490	0.010177	0.013755
0.000317	0.000911	0.001687	0.002643	0.003876	0.005463	0.007491	0.010226	0.013806
0.000326	0.000931	0.001709	0.002664	0.003896	0.005502	0.007555	0.010264	0.013910
0.000328	0.000941	0.001709	0.002687	0.003921	0.005524	0.007595	0.010328	0.013939
0.000347	0.000957	0.001730	0.002696	0.003942	0.005538	0.007613	0.010424	0.014046
0.000351	0.000964	0.001735	0.002712	0.003966	0.005563	0.007651	0.010428	0.014058
0.000356	0.000974	0.001755	0.002731	0.004000	0.005631	0.007749	0.010444	0.014198
0.000370	0.000977	0.001766	0.002740	0.004015	0.005635	0.007751	0.010480	0.014207
0.000381	0.000996	0.001782	0.002765	0.004035	0.005684	0.007803	0.010596	0.014285
0.000384	0.001001	0.001798	0.002790	0.004057	0.005693	0.007838	0.010618	0.014375
0.000401	0.001019	0.001804	0.002819	0.004078	0.005719	0.007857	0.010712	0.014391
0.000407	0.001026	0.001812	0.002835	0.004085	0.005735	0.007871	0.010740	0.014392
0.000410	0.001052	0.001836	0.002845	0.004133	0.005778	0.007930	0.010789	0.014550
0.000412	0.001053	0.001838	0.002862	0.004168	0.005798	0.007993	0.010843	0.014613
0.000428	0.001072	0.001863	0.002875	0.004188	0.005854	0.008043	0.010851	0.014795
0.000439	0.001078	0.001883	0.002904	0.004198	0.005888	0.008045	0.010936	0.014802
0.000459	0.001088	0.001904	0.002923	0.004227	0.005921	0.008151	0.011001	0.014843
0.000460	0.001105	0.001909	0.002940	0.004250	0.005950	0.008158	0.011039	0.014904
0.000470	0.001118	0.001935	0.002979	0.004265	0.005967	0.008171	0.011075	0.015041
0.000476	0.001126	0.001944	0.002983	0.004293	0.006015	0.008198	0.011103	0.015052
0.000487	0.001147	0.001947	0.003009	0.004349	0.006058	0.008282	0.011192	0.015216
0.000498	0.001150	0.001967	0.003015	0.004350	0.006063	0.008320	0.011248	0.015243
0.000504	0.001154	0.001988	0.003036	0.004366	0.006085	0.008349	0.011297	0.015290
0.000508	0.001166	0.002000	0.003042	0.004367	0.006119	0.008362	0.011304	0.015357
0.000527	0.001177	0.002017	0.003083	0.004428	0.006181	0.008425	0.011436	0.015502
0.000531	0.001185	0.002033	0.003089	0.004451	0.006201	0.008478	0.011437	0.015530
0.000545	0.001211	0.002042	0.003112	0.004464	0.006270	0.008506	0.011562	0.015649
0.000550	0.001217	0.002065	0.003114	0.004487	0.006275	0.008557	0.011583	0.015678
0.000567	0.001231	0.002070	0.003144	0.004532	0.006301	0.008578	0.011675	0.015790
0.000574	0.001247	0.002088	0.003176	0.004534	0.006313	0.008604	0.011717	0.015815
0.000587	0.001263	0.002097	0.003197	0.004576	0.006353	0.008668	0.011788	0.015871
0.000595	0.001268	0.002101	0.003204	0.004601	0.006403	0.008684	0.011794	0.015872
0.000603	0.001277	0.002147	0.003218	0.004612	0.006460	0.008755	0.011851	0.016079
0.000607	0.001288	0.002156	0.003255	0.004627	0.006465	0.008810	0.011940	0.016177

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

0.016234	0.020754	0.026920	0.035135	0.046976	0.064859	0.094206	0.150355	0.310392
0.016312	0.020910	0.027001	0.035318	0.047301	0.065114	0.095006	0.153914	0.317638
0.016372	0.021098	0.027198	0.035475	0.047917	0.065965	0.096872	0.154046	0.320699
0.016424	0.021103	0.027243	0.035906	0.047986	0.066309	0.097395	0.156819	0.329875
0.016527	0.021190	0.027598	0.035933	0.048260	0.066439	0.098223	0.158216	0.334089
0.016612	0.021376	0.027656	0.036101	0.048476	0.067092	0.098443	0.161423	0.335041
0.016695	0.021411	0.027723	0.036263	0.048815	0.067498	0.099170	0.162358	0.354246
0.016748	0.021485	0.027782	0.036828	0.048877	0.068612	0.099314	0.164462	0.360994
0.016834	0.021635	0.028236	0.036834	0.049215	0.068758	0.101410	0.167179	0.364105
0.016947	0.021784	0.028308	0.036954	0.049288	0.069217	0.101706	0.169015	0.367917
0.017076	0.021992	0.028427	0.037160	0.050285	0.069542	0.104053	0.169932	0.385087
0.017154	0.022031	0.028577	0.037439	0.050412	0.070525	0.104335	0.175049	0.396786
0.017194	0.022171	0.028841	0.037667	0.050903	0.070863	0.104988	0.175410	0.407670
0.017272	0.022202	0.028915	0.037999	0.051086	0.071203	0.105014	0.180147	0.412517
0.017358	0.022364	0.029056	0.038145	0.051526	0.071252	0.106447	0.180488	0.441123
0.017374	0.022479	0.029087	0.038393	0.051527	0.072173	0.106487	0.183248	0.442496
0.017606	0.022562	0.029326	0.038642	0.051945	0.072851	0.109228	0.183729	0.447060
0.017652	0.022705	0.029330	0.038743	0.052163	0.073423	0.110185	0.187348	0.465157
0.017728	0.022927	0.029752	0.038758	0.052689	0.073688	0.110769	0.189837	0.477866
0.017806	0.022934	0.029859	0.039180	0.052739	0.074314	0.111133	0.193960	0.485059
0.017892	0.023135	0.029936	0.039533	0.053267	0.074392	0.113222	0.194021	0.500223
0.017992	0.023178	0.030172	0.039930	0.053297	0.075568	0.114098	0.196644	0.522995
0.018105	0.023247	0.030479	0.040011	0.053904	0.075581	0.115243	0.201256	0.534092
0.018219	0.023302	0.030505	0.040208	0.054248	0.077342	0.116052	0.201855	0.547232
0.018247	0.023574	0.030776	0.040488	0.054949	0.077426	0.117677	0.206402	0.585947
0.018347	0.023647	0.030854	0.040840	0.055198	0.077740	0.117870	0.212607	0.604628
0.018501	0.023801	0.031096	0.040889	0.055466	0.077942	0.119215	0.212995	0.620898
0.018577	0.023827	0.031135	0.041328	0.055532	0.079275	0.120431	0.214853	0.654328
0.018598	0.023955	0.031386	0.041337	0.056229	0.079825	0.123068	0.215491	0.690641
0.018760	0.024029	0.031509	0.041567	0.056386	0.080241	0.123150	0.219796	0.694547
0.018840	0.024230	0.031574	0.041647	0.056864	0.081229	0.124365	0.220556	0.767175
0.018950	0.024232	0.031787	0.042310	0.057407	0.081595	0.124715	0.226726	0.771163
0.019024	0.024628	0.032000	0.042329	0.057816	0.081681	0.127861	0.233148	0.780800
0.019096	0.024669	0.032106	0.042616	0.058174	0.083244	0.128509	0.233802	0.824072
0.019225	0.024786	0.032265	0.042771	0.058656	0.083277	0.130256	0.233850	0.865476
0.019336	0.024819	0.032474	0.042986	0.058734	0.084056	0.130702	0.244874	0.938382
0.019392	0.025018	0.032743	0.043216	0.059435	0.084540	0.132692	0.248012	0.977047
0.019535	0.025073	0.032892	0.043742	0.059668	0.085699	0.133080	0.249571	0.993300
0.019713	0.025259	0.032998	0.043922	0.060055	0.085976	0.134727	0.253431	1.131298
0.019728	0.025262	0.033174	0.044349	0.060301	0.087475	0.136408	0.257551	1.141054
0.019808	0.025681	0.033456	0.044499	0.061019	0.087514	0.138728	0.260404	1.322287
0.019878	0.025688	0.033597	0.044817	0.061449	0.089147	0.139430	0.274717	1.396496
0.020018	0.025915	0.033799	0.044817	0.061710	0.089190	0.141720	0.274915	1.594982
0.020123	0.025996	0.033859	0.045385	0.062050	0.090024	0.141771	0.281823	1.708157
0.020210	0.026251	0.034191	0.045515	0.062542	0.091013	0.144600	0.282263	2.633765
0.020299	0.026280	0.034302	0.045684	0.062601	0.091099	0.146428	0.290413	2.742968
0.020355	0.026395	0.034685	0.045959	0.063506	0.091170	0.146697	0.295063	4.328884
0.020501	0.026457	0.034863	0.046295	0.063842	0.092987	0.147514	0.296701	14.332602
0.020640	0.026675	0.034975	0.046762	0.064419	0.093669	0.149910	0.297425	
0.020750		0.026823						

## **Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files**

### Appendix G peach residue data

0.01	0.017	0.033	0.061	0.13	0.2	0.31	0.48	0.79	1.1
0.01	0.02	0.033	0.066	0.13	0.2	0.33	0.49	0.81	1.2
0.01	0.02	0.033	0.069	0.14	0.2	0.35	0.5	0.83	1.2
0.01	0.023	0.034	0.069	0.14	0.21	0.37	0.57	0.86	1.2
0.01	0.024	0.04	0.072	0.14	0.21	0.37	0.6	0.87	1.2
0.01	0.025	0.04	0.072	0.14	0.22	0.38	0.6	0.88	1.2
0.01	0.025	0.041	0.075	0.15	0.24	0.42	0.61	0.91	1.2
0.01	0.029	0.042	0.082	0.15	0.24	0.42	0.62	0.91	1.2
0.01	0.029	0.053	0.084	0.16	0.25	0.43	0.63	0.92	1.3
0.01	0.03	0.055	0.11	0.17	0.28	0.45	0.65	0.93	1.3
0.01	0.031	0.056	0.11	0.17	0.29	0.45	0.68	0.94	1.3
0.01	0.033	0.058	0.11	0.17	0.29	0.45	0.7	0.96	1.4
0.01	0.033	0.059	0.12	0.18	0.29	0.45	0.71	0.97	1.7
0.013	0.033	0.06	0.12	0.18	0.3	0.46	0.71	0.99	1.8
0.013	0.033	0.06	0.13	0.18	0.3	0.47	0.71	1	2.3
0.013	0.033	0.06	0.13	0.19	0.3	0.47	0.72	1.1	4.8
0.013	0.033	0.06	0.13	0.19	0.31	0.47	0.74		

## **Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files**

### Appendix H Peach Single serving residues

0.01	0.01	0.052	0.14	0.41
0.01	0.01	0.054	0.15	0.49
0.01	0.01	0.057	0.15	0.5
0.01	0.01	0.06	0.15	0.51
0.01	0.011	0.065	0.15	0.54
0.01	0.022	0.071	0.15	0.56
0.01	0.025	0.073	0.16	0.58
0.01	0.026	0.083	0.16	0.59
0.01	0.03	0.087	0.18	0.76
0.01	0.031	0.094	0.2	0.94
0.01	0.031	0.1	0.21	0.94
0.01	0.041	0.11	0.24	1.2
0.01	0.042	0.11	0.25	1.5
0.01	0.046	0.12	0.29	
0.01	0.049	0.13	0.34	
0.01	0.051	0.14	0.37	

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

### Appendix I Grape juice residues

0.007	0.017	0.01	0.029	0.01	0.042	0.01	0.013
0.01	0.017	0.01	0.013	0.039	0.042	0.01	0.01
0.01	0.017	0.01	0.017	0.01	0.042	0.01	0.044
0.01	0.029	0.01	0.007	0.01	0.042	0.01	0.01
0.023	0.013	0.01	0.007	0.01	0.042	0.01	0.01
0.01	0.013	0.01	0.007	0.01	0.042	0.01	0.017
0.01	0.007	0.042	0.017	0.017	0.017	0.039	0.007
0.023	0.007	0.042	0.017	0.017	0.017	0.007	0.007
0.01	0.017	0.029	0.007	0.007	0.017	0.007	0.007
0.01	0.017	0.007	0.03	0.014	0.017	0.017	0.007
0.01	0.017	0.007	0.007	0.007	0.036	0.02	0.007
0.02	0.01	0.007	0.035	0.013	0.01	0.007	0.007
0.022	0.01	0.014	0.01	0.014	0.01	0.01	0.007
0.028	0.01	0.007	0.042	0.037	0.01	0.02	0.01
0.018	0.042	0.01	0.013	0.007	0.01	0.017	0.014
0.007	0.027	0.01	0.01	0.025	0.01	0.013	0.036
0.007	0.007	0.01	0.01	0.007	0.01	0.017	0.01
0.016	0.007	0.01	0.01	0.007	0.01	0.017	0.01
0.016	0.007	0.021	0.01	0.027	0.021	0.017	0.01
0.016	0.007	0.01	0.007	0.007	0.01	0.007	0.013
0.018	0.01	0.01	0.042	0.007	0.022	0.007	0.017
0.007	0.01	0.01	0.042	0.042	0.036	0.007	0.007
0.007	0.01	0.02	0.042	0.042	0.01	0.021	0.017
0.007	0.01	0.01	0.042	0.01	0.044	0.007	0.017
0.025	0.01	0.01	0.013	0.01	0.01	0.02	0.017
0.033	0.01	0.01	0.042	0.01	0.01	0.007	0.013
0.029	0.01	0.01	0.042	0.01	0.02	0.007	0.017
0.017	0.01	0.01	0.01	0.007	0.01	0.01	0.017
0.01	0.007	0.007	0.042	0.01	0.007	0.017	0.01
0.017	0.016	0.042	0.007	0.017	0.01	0.017	0.013
0.01	0.007	0.007	0.01	0.013			

### Appendix J Pineapple Residues

0.005	0.12	0.29	0.5	0.7	1.08	1.51	2.75
0.005	0.14	0.3	0.5	0.7	1.08	1.6	3
0.005	0.14	0.3	0.52	0.73	1.12	1.6	3.02
0.005	0.15	0.3	0.6	0.75	1.15	1.66	3.3
0.005	0.16	0.37	0.6	0.76	1.2	1.72	3.42
0.01	0.16	0.42	0.6	0.79	1.24	1.73	4.37
0.02	0.2	0.43	0.62	0.8	1.3	1.8	4.4
0.02	0.21	0.45	0.627	0.91	1.3	1.94	4.47
0.08	0.22	0.45	0.64	1.01	1.39	2.2	4.95
0.08	0.22	0.48	0.66	1.04	1.43	2.47	5.2
0.09	0.26	0.5	0.66	1.06	1.5	2.6	5.22
0.1	0.277	0.5	0.69	1.07	1.5		

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

### Appendix K Pineapple Decomposed Numbers

0.000718	0.024210	0.045195	0.068999	0.096773	0.130140	0.170529	0.220747	0.282474
0.000904	0.024577	0.045331	0.069347	0.096894	0.130570	0.171029	0.221154	0.284687
0.002900	0.025145	0.045680	0.069468	0.098006	0.131225	0.172334	0.221640	0.286531
0.003992	0.025790	0.046375	0.070477	0.098043	0.132105	0.172511	0.223903	0.286776
0.004241	0.025838	0.046417	0.070510	0.098705	0.132517	0.173842	0.224067	0.287374
0.004793	0.026191	0.046625	0.071189	0.099076	0.133152	0.174723	0.225424	0.288482
0.005825	0.026445	0.047648	0.071303	0.099846	0.133178	0.175051	0.226303	0.290124
0.005828	0.026600	0.047695	0.072131	0.099935	0.134363	0.176209	0.226732	0.291037
0.006173	0.027045	0.048421	0.072236	0.100975	0.134513	0.176495	0.228370	0.292565
0.006653	0.027205	0.048435	0.072711	0.101239	0.136077	0.177062	0.228534	0.293980
0.006964	0.027240	0.048853	0.072877	0.101832	0.136324	0.178607	0.229366	0.294975
0.007583	0.027943	0.048915	0.073625	0.102403	0.137251	0.179051	0.230369	0.295348
0.008003	0.028399	0.049453	0.074124	0.103061	0.137584	0.179837	0.230902	0.297263
0.008311	0.028509	0.049722	0.074510	0.103273	0.138167	0.180043	0.232654	0.297652
0.008964	0.028733	0.050648	0.074933	0.104309	0.138768	0.181105	0.234079	0.300817
0.009030	0.029374	0.050665	0.075378	0.104558	0.139087	0.181209	0.234730	0.301101
0.009433	0.029390	0.050863	0.075384	0.105248	0.139292	0.182417	0.235669	0.301567
0.009514	0.030391	0.050973	0.076065	0.105563	0.140588	0.183640	0.236099	0.303072
0.010100	0.030424	0.052070	0.076084	0.105872	0.140803	0.184962	0.236696	0.304310
0.010172	0.030858	0.052273	0.077096	0.106098	0.142203	0.185211	0.238257	0.305915
0.010969	0.031133	0.052585	0.077311	0.106763	0.142389	0.185843	0.239572	0.307202
0.011046	0.031355	0.052898	0.078320	0.107227	0.143440	0.186666	0.240440	0.308212
0.011828	0.031493	0.053701	0.078357	0.108458	0.143774	0.188181	0.241780	0.308995
0.011889	0.032047	0.053757	0.078744	0.108712	0.144218	0.188511	0.242473	0.309151
0.012410	0.032324	0.053955	0.079412	0.109151	0.145359	0.188757	0.243773	0.311996
0.012558	0.032734	0.054522	0.079502	0.109648	0.146389	0.190080	0.244849	0.313631
0.013003	0.032987	0.054589	0.080086	0.110029	0.146732	0.191511	0.244971	0.314373
0.013396	0.033502	0.054612	0.080471	0.110274	0.147195	0.191772	0.246452	0.315218
0.013530	0.033509	0.055489	0.081096	0.111900	0.147897	0.192558	0.247856	0.317073
0.014095	0.033901	0.055514	0.081897	0.111982	0.148458	0.192866	0.248543	0.317835
0.014705	0.034399	0.056313	0.082009	0.112762	0.148497	0.193993	0.249227	0.319003
0.014761	0.034851	0.056894	0.082227	0.112802	0.150198	0.194229	0.250296	0.319769
0.014918	0.034869	0.057266	0.082704	0.113848	0.150507	0.196442	0.250656	0.321688
0.014927	0.035289	0.057600	0.083590	0.114135	0.151832	0.196645	0.252140	0.323136
0.015451	0.035816	0.057749	0.083733	0.114528	0.151903	0.196920	0.253627	0.324331
0.015780	0.036063	0.058427	0.084132	0.114661	0.152196	0.198333	0.254950	0.325383
0.016473	0.036208	0.058678	0.084839	0.115542	0.153353	0.198700	0.254954	0.327617
0.016539	0.036645	0.059231	0.084986	0.115558	0.153520	0.199895	0.256461	0.327682
0.016900	0.037055	0.059425	0.085672	0.116952	0.154555	0.200224	0.256958	0.331635
0.017143	0.037309	0.059724	0.086051	0.117258	0.155283	0.200707	0.258290	0.332065
0.017465	0.037800	0.060199	0.086591	0.118700	0.155284	0.202350	0.258452	0.333542
0.017658	0.037945	0.060267	0.087703	0.118707	0.156661	0.203122	0.260758	0.334433
0.018176	0.038123	0.061360	0.087708	0.119112	0.157478	0.204141	0.261629	0.335579
0.018630	0.038602	0.061403	0.088316	0.119704	0.157511	0.204973	0.263017	0.335867
0.019267	0.039114	0.061894	0.088326	0.120174	0.158026	0.205489	0.263964	0.340140
0.019327	0.039476	0.061963	0.088790	0.120318	0.159515	0.205687	0.265867	0.340172
0.019450	0.039545	0.062475	0.088882	0.121229	0.159696	0.207347	0.266310	0.341520
0.019993	0.040055	0.062805	0.089862	0.121458	0.160297	0.207994	0.268245	0.342533
0.020090	0.040192	0.063381	0.089901	0.123015	0.161139	0.209542	0.268691	0.344072
0.020623	0.040767	0.063713	0.090648	0.123127	0.161754	0.209644	0.269026	0.345844
0.020755	0.040968	0.064484	0.090981	0.123383	0.162879	0.210533	0.270276	0.347539
0.020774	0.041614	0.064642	0.092363	0.123690	0.163226	0.210843	0.271623	0.347986
0.021741	0.042092	0.064998	0.092403	0.125564	0.164083	0.212477	0.272078	0.350294
0.021851	0.042194	0.065577	0.093216	0.125635	0.164906	0.213307	0.273369	0.350998
0.022365	0.042389	0.065818	0.093231	0.125669	0.165119	0.214026	0.273583	0.352585
0.022412	0.043001	0.066407	0.093768	0.126641	0.166614	0.215580	0.276637	0.353805
0.022888	0.043443	0.066522	0.093982	0.127215	0.166821	0.216184	0.277210	0.355453
0.023104	0.043804	0.067164	0.094856	0.127940	0.167447	0.216557	0.279194	0.357014
0.023816	0.043942	0.067528	0.095162	0.128311	0.168801	0.217800	0.279570	0.358724
0.023843	0.044298	0.067870	0.095518	0.128568	0.169801	0.218188	0.280170	0.358773
0.023948	0.044432	0.068758	0.096029	0.129673	0.169969	0.219633	0.281674	0.360903

## Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files

0.361124	0.447884	0.554769	0.695152	0.887051	1.168917	1.598885	2.387846	4.299340
0.363787	0.448811	0.555107	0.695635	0.891863	1.170819	1.602101	2.405822	4.347200
0.364095	0.451327	0.559827	0.700351	0.893710	1.174904	1.621827	2.430035	4.423226
0.367969	0.451548	0.560950	0.702430	0.899926	1.179671	1.622396	2.431878	4.455255
0.368403	0.457231	0.566796	0.707562	0.903513	1.185744	1.654688	2.466880	4.539802
0.370158	0.457289	0.567752	0.710357	0.908272	1.188981	1.655237	2.487723	4.667371
0.371736	0.461332	0.570936	0.718160	0.912342	1.202694	1.659049	2.535230	4.832164
0.372530	0.461587	0.571899	0.719154	0.915856	1.211911	1.677840	2.547728	4.834577
0.374470	0.462831	0.573328	0.719715	0.923117	1.220818	1.685873	2.559498	4.985608
0.376488	0.464419	0.574322	0.723893	0.926621	1.227641	1.687317	2.588159	5.019010
0.378123	0.469012	0.580862	0.730890	0.931957	1.229894	1.706891	2.601811	5.056245
0.378768	0.469898	0.582798	0.730949	0.932678	1.232548	1.724662	2.640644	5.234471
0.380798	0.473803	0.584566	0.734032	0.943922	1.248643	1.737939	2.689642	5.311164
0.381983	0.473990	0.588228	0.738350	0.945974	1.251963	1.738242	2.698797	5.419913
0.383751	0.475937	0.591821	0.741023	0.953793	1.269976	1.777588	2.749880	5.495525
0.387275	0.476037	0.593420	0.741978	0.955540	1.270789	1.777706	2.754528	5.659193
0.387760	0.478848	0.596863	0.748290	0.960579	1.275805	1.793182	2.764741	5.789586
0.388249	0.481870	0.597307	0.750664	0.970193	1.286639	1.808240	2.794478	5.849319
0.388661	0.482272	0.600453	0.755970	0.976637	1.300162	1.826915	2.827427	6.214068
0.393416	0.486004	0.601810	0.756041	0.979642	1.303747	1.834065	2.871768	6.216228
0.393441	0.486828	0.605851	0.763608	0.988480	1.310995	1.845563	2.899381	6.290479
0.395311	0.487444	0.606974	0.768255	0.990757	1.317617	1.859548	2.903460	6.341444
0.396822	0.491531	0.611799	0.772535	0.992980	1.327844	1.882921	2.969468	6.673090
0.398445	0.492815	0.613059	0.776043	0.998644	1.329768	1.888277	3.002839	6.812833
0.399399	0.495931	0.619969	0.778055	1.003321	1.343275	1.919239	3.047839	6.910124
0.402223	0.498329	0.620466	0.782722	1.009625	1.344433	1.923095	3.059200	6.989939
0.402490	0.499129	0.622735	0.785676	1.022624	1.361054	1.933142	3.101256	7.471261
0.404933	0.501354	0.623720	0.788774	1.022892	1.372347	1.933651	3.111153	7.543548
0.405168	0.506098	0.628878	0.797664	1.025879	1.374447	1.966528	3.171463	7.875357
0.408471	0.506479	0.631853	0.797964	1.029033	1.385940	1.969017	3.173458	8.204931
0.411116	0.508190	0.634406	0.805356	1.041915	1.394743	1.995951	3.249091	8.491655
0.413747	0.510662	0.635409	0.806419	1.046500	1.402588	1.999864	3.268075	8.591465
0.414382	0.512668	0.638075	0.809958	1.055282	1.412313	2.026351	3.322117	9.000151
0.416421	0.513480	0.642536	0.810721	1.058114	1.420201	2.037692	3.326842	9.209957
0.417580	0.517681	0.644705	0.816879	1.062761	1.426382	2.057432	3.401713	9.985838
0.418531	0.519945	0.646167	0.819778	1.064961	1.428336	2.066328	3.404024	10.354399
0.419885	0.520945	0.650440	0.828085	1.070699	1.453538	2.102841	3.525221	11.132104
0.422516	0.521369	0.653341	0.830453	1.072690	1.463878	2.107841	3.562339	11.447346
0.422965	0.527984	0.656763	0.833670	1.083888	1.473549	2.127051	3.584484	11.482575
0.428129	0.528875	0.657408	0.834696	1.093247	1.473944	2.154293	3.650788	11.749342
0.428393	0.530006	0.663254	0.842047	1.094587	1.492403	2.187142	3.719527	13.297935
0.428683	0.530619	0.666460	0.846172	1.105345	1.502094	2.197683	3.764859	14.257677
0.430054	0.536849	0.672296	0.849968	1.106683	1.503803	2.214135	3.792282	16.355846
0.432418	0.538792	0.672532	0.852162	1.115988	1.512574	2.214959	3.882376	17.270558
0.433292	0.541101	0.675261	0.861878	1.126098	1.526334	2.240506	3.888121	19.204660
0.437375	0.541169	0.677031	0.863872	1.127716	1.532615	2.272262	3.908085	20.976783
0.437431	0.544316	0.681322	0.866703	1.138713	1.545653	2.277981	4.029110	24.050741
0.441615	0.546983	0.683138	0.874579	1.141804	1.564678	2.310907	4.045111	27.526498
0.442027	0.549240	0.691583	0.879443	1.157459	1.568884	2.337914	4.194307	35.483131
0.446280	0.550408	0.691919	0.879632	1.157686	1.585634	2.354385	4.197572	35.782844
0.446632								

## **Attachment 1: Anticipated Residues Summary Table and Residue Distribution Files**

### Appendix L - Processed Succulent Green Bean Residues

0.01	0.033	0.13	0.042	0.017	0.28	0.091	0.017
0.03	0.054	0.02	0.042	0.043	0.048	0.01	0.062
0.025	0.01	0.19	0.013	0.007	0.007	0.069	0.007
0.011	0.01	0.061	0.057	0.03	0.09	0.058	0.041
0.079	0.01	0.01	0.007	0.007	0.33	0.032	0.042
0.013	0.023	0.02	0.013	0.007	0.29	0.048	0.042
0.058	0.28	0.7	0.017	0.01	0.007	0.013	0.03
0.033	0.037	0.042	0.007	0.01	0.014	0.007	0.013
0.007	0.055	0.01	0.14	0.01	0.09	0.051	0.013
0.007	0.032	0.017	0.071	0.13	0.007	0.01	0.007
0.13	0.01	0.011	0.032	0.007	0.6	0.01	
0.007	0.4	0.01	0.013	0.013	0.017	0.01	
0.19	0.013	0.011	0.007	0.17	0.24	0.023	
0.098	0.036	0.062	0.034	0.007	0.24	0.007	
0.034	0.013	0.037	0.095	0.13	0.007	0.007	
0.011	0.013	0.011	0.18	0.025	0.007	0.007	
0.036	0.013	0.15	0.027	0.13	0.36	0.007	
0.032	0.05	0.011	0.007	0.23	0.007	0.038	
0.1	0.022	0.022	0.023	0.034	0.013	0.01	
0.013	0.024	0.007	0.01	0.013	0.007	0.1	
0.016	0.011	0.042	0.007	0.013	0.24	0.035	
0.017	0.073	0.38	0.007				

### Appendix M - Cherry Residues

0.18	0.089	1.42	0.005	0.172	0.15	0.005	0.54
0.936	0.02	0.381	0.005	0.04	0.27	0.005	1.41
1.44	0.515	0.175	0.005	0.005	0.025	0.1	0.376
0.013	0.07	0.47	0.023	1.5	0.023	0.1	0.005
0.296	0.023	0.201	0.145	0.6	0.005	0.06	2.9
0.172	1.516	0.041	0.037	0.1	0.049	0.04	1.48
0.014	0.896	0.12	0.278	0.14	0.005	0.05	0.263
0.185	2.606	0.047	0.147	0.36	0.73	0.005	0.04
0.12	0.374	0.467	0.257	0.053	0.005	1.37	0.005
0.015	2.86	0.031	0.01	0.26	0.04	0.23	0.1
1.01	3.19	0.239	0.131	0.114	0.022	0.18	0.28
0.046							

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

### Residue File

U.S. Environmental Protection Agency  
 Ver. 7.76  
 DEM Chronic analysis for CARBARYL  
 Residue file: C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10chroniccarbarylfinal9.RS7  
 1989-92 data  
 Adjust. #2 NOT used  
 Analysis Date 04-08-2002 Residue file dated: 04-08-2002/14:12:04/8  
 Reference dose (RfD) = 0.01 mg/kg bw/day

Food Code	Crop Grp	Food Name	RESIDUE (ppm)	Adj. Factors	
				#1	#2
1	13A	Blackberries	0.092600	1.000	0.280
2	13A	Boysenberries	0.092600	1.000	0.010
3	13A	Dewberries	0.092600	1.000	0.010
4	13A	Loganberries	0.092600	1.000	0.010
5	13A	Raspberries	0.092600	1.000	0.040
6	13A	Youngberries	0.092600	1.000	0.010
7	13B	Blueberries	0.090000	1.000	0.220
8	O	Cranberries	0.001000	1.000	0.390
9	O	Cranberries-juice	0.001000	1.100	0.390
10	13B	Currants	0.090000	1.000	0.010
11	13B	Elderberries	0.090000	1.000	0.010
12	13B	Gooseberries	0.090000	1.000	0.010
13	O	Grapes	0.016000	1.000	0.080
14	O	Grapes-raisins			
		11-Uncooked	0.016000	2.170	0.080
		12-Cooked: NFS	0.016000	1.370	0.080
		13-Baked	0.016000	1.370	0.080
		14-Boiled	0.016000	1.370	0.080
		18-Dried	0.016000	2.170	0.080
		42-Frozen: Cooked	0.016000	1.370	0.080
15	O	Grapes-juice	0.010000	1.200	0.080
16	13B	Huckleberries	0.090000	1.000	0.010
17	O	Strawberries	0.063800	1.000	0.160
20	10	Citrus citron	0.013000	1.000	0.010
22	10	Grapefruit-peeled fruit			
		11-Uncooked	0.013000	1.000	0.040
		12-Cooked: NFS	0.013000	1.000	0.040
		14-Boiled	0.000000	1.000	1.000
		31-Canned: NFS	0.013000	1.000	0.040
23	10	Grapefruit-juice	0.006000	1.170	0.040
24	10	Kumquats	0.013000	1.000	0.010
26	10	Lemons-peeled fruit	0.013000	1.000	0.030
27	10	Lemons-peel	0.013000	1.160	0.030
28	10	Lemons-juice	0.006000	1.110	0.030
30	10	Limes-peeled fruit	0.013000	1.000	0.010
31	10	Limes-peel	0.013000	1.270	0.010
32	10	Limes-juice	0.006000	1.110	0.010
33	10	Oranges-juice-concentrate	0.006000	3.720	0.030
34	10	Oranges-peeled fruit			
		11-Uncooked	0.013000	1.000	0.030
		12-Cooked: NFS	0.013000	1.000	0.030
		31-Canned: NFS	0.013000	1.000	0.030
35	10	Oranges-peel	0.013000	1.270	0.030
36	10	Oranges-juice	0.006000	1.000	0.030
37	10	Tangelos	0.013000	1.000	0.010
38	10	Tangerines			
		11-Uncooked	0.013000	1.000	0.010
		31-Canned: NFS	0.013000	1.000	0.010
		41-Frozen: NFS	0.013000	1.000	0.010
39	10	Tangerines-juice	0.006000	1.280	0.010
40	14	Almonds	0.059000	1.000	0.020
43	14	Chestnuts	0.059000	1.000	0.010
44	14	Filberts (hazelnuts)	0.022000	1.000	0.040
47	14	Pecans	0.022000	1.000	0.200
48	14	Walnuts	0.270000	1.000	0.010
50	O	Pistachio nuts	0.030000	1.000	0.170
52	11	Apples			
		11-Uncooked	0.030000	1.000	0.230
		12-Cooked: NFS	0.030000	1.000	0.230
		13-Baked	0.030000	1.000	0.230
		14-Boiled	0.030000	1.000	0.230
		15-Fried	0.030000	1.000	0.230
		18-Dried	0.030000	1.000	0.230

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

		31-Canned: NFS	0.030000	1.000	0.230
		32-Canned: Cooked	0.030000	1.000	0.230
		33-Canned: Baked	0.030000	1.000	0.230
		34-Canned: Boiled	0.030000	1.000	0.230
		42-Frozen: Cooked	0.030000	1.000	0.230
53 11	Apples-dried		0.030000	2.580	0.230
54 11	Apples-juice/cider		0.010000	1.000	0.230
55 11	Crabapples		0.030000	1.000	0.010
56 11	Pears				
		11-Uncooked	0.009800	1.000	0.030
		12-Cooked: NFS	0.009800	1.000	0.030
		13-Baked	0.009800	1.000	0.030
		14-Boiled	0.009800	1.000	0.030
		31-Canned: NFS	0.009800	1.000	0.030
57 11	Pears-dried		0.009800	2.580	0.030
58 11	Quinces		0.009800	1.000	0.010
59 12	Apricots				
		11-Uncooked	0.070000	1.000	0.010
		12-Cooked: NFS	0.070000	1.000	0.010
		14-Boiled	0.070000	1.000	0.010
		31-Canned: NFS	0.070000	1.000	0.010
		34-Canned: Boiled	0.070000	1.000	0.010
60 12	Apricots-dried		0.070000	6.000	0.010
61 12	Cherries				
		11-Uncooked	0.127000	1.000	0.250
		12-Cooked: NFS	0.127000	1.000	0.120
		13-Baked	0.127000	1.000	0.120
		14-Boiled	0.127000	1.000	0.120
		31-Canned: NFS	0.127000	1.000	0.120
		33-Canned: Baked	0.127000	1.000	0.120
		41-Frozen: NFS	0.127000	1.000	0.120
62 12	Cherries-dried		0.127000	4.000	0.250
63 12	Cherries-juice		0.127000	1.500	0.120
64 12	Nectarines		0.070000	1.000	0.120
65 12	Peaches				
		11-Uncooked	0.070000	1.000	0.150
		12-Cooked: NFS	0.070000	1.000	0.150
		13-Baked	0.070000	1.000	0.150
		14-Boiled	0.070000	1.000	0.150
		31-Canned: NFS	0.070000	1.000	0.150
		41-Frozen: NFS	0.070000	1.000	0.150
66 12	Peaches-dried		0.070000	7.000	0.150
67 12	Plums (damsons)		0.070000	0.260	0.050
68 12	Plums-prunes (dried)		0.070000	0.150	0.050
69 12	Plums/prune-juice		0.070000	1.400	0.050
72 O	Bananas		0.010000	1.000	1.000
73 O	Bananas-dried		0.010000	3.900	1.000
81 11	Loquats		0.009800	1.000	0.010
82 O	Olives		3.850000	1.000	0.010
89 O	Pineapples-peeled fruit				
		11-Uncooked	0.053000	0.540	0.500
		12-Cooked: NFS	0.053000	0.540	0.500
		13-Baked	0.053000	0.540	0.500
		14-Boiled	0.053000	0.540	0.500
		31-Canned: NFS	0.053000	0.540	0.500
		33-Canned: Baked	0.053000	0.540	0.500
		41-Frozen: NFS	0.053000	0.540	0.500
90 O	Pineapples-dried		0.053000	5.000	0.500
91 O	Pineapples-juice		0.053000	0.540	0.500
94 O	Plantains-ripe		0.010000	1.000	1.000
123 19A	Dill		0.200000	1.000	0.010
126 1AB	Horseradish		0.011600	1.000	0.010
139 8	Paprika		0.108000	1.000	0.010
141 9A	Melons-cantaloupes-juice		0.005600	1.000	0.070
142 9A	Melons-cantaloupes-pulp		0.005600	1.000	0.070
143 9A	Casabas		0.005600	1.000	0.010
144 9A	Crenshaws		0.005600	1.000	0.010
145 9A	Melons-honeydew		0.005600	1.000	0.190
146 9A	Melons-persian		0.005600	1.000	0.010
147 9A	Watermelon		0.001900	1.000	0.130
148 9B	Cucumbers		0.003300	1.000	0.140
149 9B	Pumpkin		0.006270	1.000	0.310
150 9B	Squash-summer		0.016000	1.000	0.110
151 9B	Squash-winter		0.006000	1.000	0.110
152 9B	Bitter melon		0.005600	1.000	0.010
154 8	Eggplant		0.005000	1.000	0.090
155 8	Peppers-sweet(garden)		0.020000	1.000	0.130
156 8	Peppers-chilli incl jalapeno		0.108000	1.000	0.010

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

157 8	Peppers-other	0.108000	1.000	0.010
158 8	Pimientos	0.108000	1.000	0.010
159 8	Tomatoes-whole			
	11-Uncooked	0.004000	1.000	0.050
	12-Cooked: NFS	0.004000	1.000	0.050
	13-Baked	0.004000	1.000	0.050
	14-Boiled	0.004000	1.000	0.050
	15-Fried	0.004000	1.000	0.050
	31-Canned: NFS	0.004000	1.000	0.150
	32-Canned: Cooked	0.004000	1.000	0.150
	33-Canned: Baked	0.004000	1.000	0.150
	34-Canned: Boiled	0.004000	1.000	0.150
	42-Frozen: Cooked	0.004000	1.000	0.150
160 8	Tomatoes-juice	0.004000	0.520	0.150
161 8	Tomatoes-puree	0.004000	0.650	0.150
162 8	Tomatoes-paste	0.004000	0.650	0.150
163 8	Tomatoes-catsup	0.004000	0.650	0.150
165 2	Beets-garden-tops(greens)	10.140000	1.000	0.170
166 4B	Celery	0.015200	1.000	0.030
168 5A	Broccoli	0.013000	1.000	0.040
169 5A	Brussels sprouts	0.001000	1.000	0.330
170 5A	Cabbage-green and red			
	11-Uncooked	0.001000	0.250	0.020
	12-Cooked: NFS	0.001000	0.025	0.020
	13-Baked	0.001000	0.025	0.020
	14-Boiled	0.001000	0.025	0.020
	15-Fried	0.001000	0.025	0.020
	31-Canned: NFS	0.001000	0.250	0.020
	32-Canned: Cooked	0.001000	0.025	0.020
	51-Cured: NFS (smoked/pickled/saltd)	0.001000	0.025	0.020
171 5A	Cauliflower	0.013000	1.000	0.020
172 5B	Collards	2.780000	1.000	0.040
174 5B	Kale	2.780000	1.000	0.010
175 5A	Kohlrabi	0.001000	1.000	0.010
176 4A	Lettuce-leafy varieties	0.001000	1.000	0.010
177 4A	Dandelion-greens	0.008200	1.000	0.010
178 4A	Endive-curley and escarole	0.001000	1.000	0.010
182 4A	Lettuce-unspecified	0.016900	1.000	0.030
183 5B	Mustard greens	2.780000	1.000	0.010
184 4A	Parsley	0.008200	1.000	0.010
185 4B	Rhubarb	0.015200	1.000	0.010
186 4A	Spinach			
	11-Uncooked	0.008200	1.000	0.010
	12-Cooked: NFS	0.008200	1.000	0.010
	13-Baked	0.008200	1.000	0.010
	14-Boiled	0.008200	1.000	0.010
	31-Canned: NFS	0.006000	1.000	0.010
	32-Canned: Cooked	0.006000	1.000	0.010
	34-Canned: Boiled	0.006000	1.000	0.010
	42-Frozen: Cooked	0.008200	1.000	0.010
	44-Frozen: Boiled	0.008200	1.000	0.010
187 4B	Swiss chard	0.015200	1.000	0.010
188 2	Turnips-tops	15.300000	1.000	0.010
192 4A	Lettuce-head varieties	0.016900	1.000	0.030
195 O	Grapes-leaves	0.016000	1.000	0.080
197 1AB	Beets-garden-roots	0.024000	1.000	0.170
198 1AB	Carrots	0.011600	1.000	0.040
207 1C	Potatoes/white-whole			
	11-Uncooked	0.011900	1.000	0.020
	12-Cooked: NFS	0.011900	1.000	0.020
	13-Baked	0.011900	1.200	0.020
	14-Boiled	0.011900	2.500	0.020
	15-Fried	0.011900	0.040	0.020
	31-Canned: NFS	0.011900	1.000	0.020
208 1C	Potatoes/white-unspecified	0.011900	1.000	0.020
209 1C	Potatoes/white-peeled			
	11-Uncooked	0.011900	1.000	0.020
	12-Cooked: NFS	0.011900	1.000	0.020
	13-Baked	0.011900	1.200	0.020
	14-Boiled	0.011900	2.500	0.020
	15-Fried	0.011900	0.040	0.020
	31-Canned: NFS	0.011900	1.000	0.020
	32-Canned: Cooked	0.011900	1.000	0.020
	34-Canned: Boiled	0.011900	2.500	0.020
	42-Frozen: Cooked	0.011900	1.000	0.020
	43-Frozen: Baked	0.011900	1.200	0.020
	45-Frozen: Fried	0.011900	0.040	0.020

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

210 1C	Potatoes/white-dry	0.011900	0.400	0.020
211 1C	Potatoes/white-peel only			
	13-Baked	0.011900	1.200	0.020
	15-Fried	0.011900	0.040	0.020
212 1AB	Radishes-roots	0.024000	1.000	0.010
213 2	Radishes-tops	10.140000	1.000	0.010
214 1AB	Rutabagas-roots	0.121000	1.000	0.010
215 2	Rutabagas-tops	15.300000	1.000	0.010
216 1AB	Salsify(oyster plant)	0.011600	1.000	0.010
218 1CD	Sweet potatoes (incl yams)	0.006500	1.000	0.180
219 1AB	Turnips-roots	0.121000	1.000	0.010
220 1AB	Parsnips	0.011600	1.000	0.010
227 6C	Beans-dry-great northern	0.067000	1.000	0.010
228 6C	Beans-dry-kidney	0.067000	1.000	0.010
229 6C	Beans-dry-lima	0.067000	1.000	0.010
230 6C	Beans-dry-navy (pea)	0.067000	1.000	0.010
231 6C	Beans-dry-other	0.067000	1.000	0.010
232 6C	Beans-dry-pinto	0.067000	1.000	0.010
233 6B	Beans-succulent-lima	0.011780	1.000	0.130
234 6A	Beans-succulent-green			
	11-Uncooked	0.023200	1.000	0.140
	12-Cooked: NFS	0.023200	1.000	0.140
	14-Boiled	0.023200	1.000	0.140
	31-Canned: NFS	0.011780	1.000	0.100
	32-Canned: Cooked	0.011780	1.000	0.100
	34-Canned: Boiled	0.011780	1.000	0.100
	42-Frozen: Cooked	0.011780	1.000	0.100
	44-Frozen: Boiled	0.011780	1.000	0.100
	51-Cured: NFS (smoked/pickled/saltd)			
		0.011780	1.000	0.100
235 6A	Beans-succulent-other	0.011780	1.000	0.100
236 6A	Beans-succulent-yellow/wax			
	14-Boiled	0.023200	1.000	0.140
	32-Canned: Cooked	0.011780	1.000	0.100
	42-Frozen: Cooked	0.011780	1.000	0.100
237 15	Corn/pop	0.010000	1.000	0.010
238 15	Corn/sweet	0.008500	1.000	0.010
240 6C	Peas (garden)-dry			
	12-Cooked: NFS	0.146000	0.045	0.030
	14-Boiled	0.146000	0.045	0.030
	31-Canned: NFS	0.146000	0.300	0.030
	32-Canned: Cooked	0.146000	0.045	0.030
	34-Canned: Boiled	0.146000	0.045	0.030
241 6AB	Peas (garden)-green			
	11-Uncooked	0.130000	0.300	0.020
	12-Cooked: NFS	0.130000	0.300	0.020
	13-Baked	0.130000	0.300	0.020
	14-Boiled	0.130000	0.300	0.020
	15-Fried	0.130000	0.300	0.020
	31-Canned: NFS	0.012700	1.000	0.010
	32-Canned: Cooked	0.012700	1.000	0.010
	34-Canned: Boiled	0.012700	1.000	0.010
	42-Frozen: Cooked	0.012700	1.000	0.010
	44-Frozen: Boiled	0.012700	1.000	0.010
	45-Frozen: Fried	0.012700	1.000	0.010
243 6C	Lentils	0.067000	1.000	0.010
244 6C	Mung beans (sprouts)	0.067000	1.000	0.010
245 O	Okra			
	12-Cooked: NFS	1.000000	0.180	0.320
	14-Boiled	1.000000	0.050	0.320
	15-Fried	1.000000	0.180	0.320
	32-Canned: Cooked	1.000000	0.180	0.320
	42-Frozen: Cooked	1.000000	0.180	0.320
	44-Frozen: Boiled	1.000000	0.050	0.320
249 6C	Beans-dry-broadbeans	0.067000	1.000	0.010
250 6B	Beans-succulent-broadbeans	0.023200	1.000	0.140
251 6C	Beans-dry-pigeon beans	0.067000	1.000	0.010
253 6	Beans-unspecified	0.023200	1.000	0.140
255 6A	Soybeans-sprouted seeds	0.001500	0.330	0.010
256	Beans-dry-hyacinth	0.067000	1.000	0.010
257	Beans-succulent-hyacinth	0.023200	1.000	0.140
258 6C	Beans-dry-blackeye peas/cowpea	0.067000	1.000	0.010
259 6C	Beans-dry-garbanzo/chick pea	0.067000	1.000	0.010
260 O	Asparagus	0.003200	1.000	0.430
266 15	Corn grain-endosperm	0.008500	1.000	0.010
267 15	Corn grain-bran	0.008500	1.000	0.010
268 15	Corn grain/sugar/hfcs	0.008500	1.500	0.010
270 15	Rice-rough (brown)	7.400000	1.000	0.010

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

271 15	Rice-milled (white)	7.400000	0.030	0.010
275 15	Sorghum (including milo)	0.001500	1.000	0.010
276 15	Wheat-rough	0.001500	1.000	0.010
277 15	Wheat-germ	0.001500	0.650	0.010
278 15	Wheat-bran	0.001500	1.000	0.010
279 15	Wheat-flour	0.001500	0.100	0.010
280 15	Millet	0.001500	1.000	0.010
282 1A	Sugar-beet	0.010000	0.040	0.020
287 6C	Guar beans	0.023200	1.000	0.140
289 15	Corn grain-oil	0.008500	0.250	0.010
292 O	Flax seed	0.010000	1.000	0.010
293 O	Peanuts-oil	0.010000	0.290	0.030
297 6A	Soybeans-oil	0.001500	0.005	0.010
298 O	Sunflower-oil	0.042000	0.030	0.010
300 O	Olive oil	3.850000	0.810	0.010
303 6A	Soybean-other	0.001500	1.000	0.010
304 6A	Soybeans-mature seeds dry	0.001500	1.000	0.010
305 6A	Soybeans-flour (full fat)	0.001500	1.000	0.010
306 6A	Soybeans-flour (low fat)	0.001500	1.000	0.010
307 6A	Soybeans-flour (defatted)	0.001500	1.000	0.010
315 O	Grapes-wine and sherry	0.016000	1.000	0.080
318 D	Milk-nonfat solids	0.000300	1.000	0.230
319 D	Milk-fat solids	0.000300	1.000	0.230
320 D	Milk sugar (lactose)	0.000300	1.000	0.230
321 M	Beef-meat byproducts	0.017900	1.000	0.230
322 M	Beef-other organ meats	0.017900	1.000	0.230
323 M	Beef-dried	0.000300	1.920	0.230
324 M	Beef-fat w/o bones	0.000300	1.000	0.230
325 M	Beef-kidney	0.017900	1.000	0.230
326 M	Beef-liver	0.006300	1.000	0.230
327 M	Beef-lean (fat/free) w/o bones	0.000300	1.000	0.230
328 M	Goat-meat byproducts	0.017900	1.000	0.230
329 M	Goat-other organ meats	0.017900	1.000	0.230
330 M	Goat-fat w/o bone	0.000300	1.000	0.230
331 M	Goat-kidney	0.017900	1.000	0.230
332 M	Goat-liver	0.006300	1.000	0.230
333 M	Goat-lean (fat/free) w/o bone	0.000300	1.000	0.230
336 M	Sheep-meat byproducts	0.017900	1.000	0.230
337 M	Sheep-other organ meats	0.017900	1.000	0.230
338 M	Sheep-fat w/o bone	0.000300	1.000	0.230
339 M	Sheep-kidney	0.017900	1.000	0.230
340 M	Sheep-liver	0.006300	1.000	0.230
341 M	Sheep-lean (fat free) w/o bone	0.000300	1.000	0.230
342 M	Pork-meat byproducts	0.001428	1.000	0.230
343 M	Pork-other organ meats	0.001428	1.000	0.230
344 M	Pork-fat w/o bone	0.000094	1.000	0.230
345 M	Pork-kidney	0.001428	1.000	0.230
346 M	Pork-liver	0.000792	1.000	0.230
347 M	Pork-lean (fat free) w/o bone	0.000348	1.000	0.230
349 F	Fish-shellfish	0.250000	1.000	1.000
377 11	Apples-juice-concentrate	0.010000	3.000	0.230
378 O	Bananas-juice	0.010000	1.000	1.000
379 1A	Sugar-beet-molasses	0.010000	0.040	0.020
380 13A	Blackberries-juice	0.092600	1.000	0.280
383 5B	Cabbage-savoy	0.001000	0.025	0.020
384 4B	Celery juice	0.015200	1.000	0.030
388 15	Corn grain/sugar-molasses	0.008500	1.500	0.010
389 O	Cranberries-juice-concentrate	0.001000	3.300	0.390
392 O	Grapes-juice-concentrate	0.010000	3.600	0.080
398 D	Milk-based water	0.000300	1.000	0.230
402 12	Peaches-juice	0.070000	1.000	0.150
403 O	Peanuts-butter	0.010000	1.890	0.030
404 11	Pears-juice	0.009800	0.370	0.030
405 6B	Peas-succulent/blackeye/cowpea			
	12-Cooked: NFS	0.130000	0.045	0.020
	14-Boiled	0.130000	0.045	0.020
	32-Canned: Cooked	0.012700	0.045	0.010
	42-Frozen: Cooked	0.012700	0.045	0.010
406 O	Pineapples-juice-concentrate	0.053000	0.540	0.500
407 1AB	Radishes-japanese (daiken)	0.024000	1.000	0.010
408 15	Rice-bran	7.400000	0.400	0.010
410 12	Apricot juice	0.070000	1.000	0.010
413 6A	Snowpeas			
	11-Uncooked	0.130000	1.000	0.020
	12-Cooked: NFS	0.130000	1.000	0.020
	14-Boiled	0.130000	1.000	0.020
	15-Fried	0.130000	1.000	0.020
	42-Frozen: Cooked	0.012700	1.000	0.010

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

415 9B	Squash-spaghetti	0.006000	1.000	0.110
416 O	Strawberries-juice	0.063800	1.000	0.160
417 O	Sunflower-seeds	0.042000	1.000	0.010
420 10	Tangerines-juice-concentrate	0.006000	4.080	0.010
423 8	Tomatoes-dried	0.004000	0.520	0.150
424 M	Veal-fat w/o bones	0.000300	1.000	0.230
425 M	Veal-lean (fat free) w/o bones	0.006300	1.000	0.230
426 M	Veal-kidney	0.017900	1.000	0.230
427 M	Veal-liver	0.006300	1.000	0.230
428 M	Veal-other organ meats	0.017900	1.000	0.230
429 M	Veal-dried	0.006300	1.920	0.230
430 M	Veal-meat byproducts	0.017900	1.000	0.230
431 14	Walnut oil	0.270000	1.000	0.010
436 9A	Watermelon-juice	0.001900	1.000	0.130
437 15	Wheat-germ oil	0.001500	0.650	0.010
439 9B	Wintermelon	0.005600	1.000	0.010
441 10	Grapefruit-juice-concentrate	0.006000	4.580	0.040
442 10	Lemons-juice-concentrate	0.006000	6.330	0.030
443 10	Limes-juice-concentrate	0.006000	3.330	0.010
448 10	Grapefruit peel	0.013000	1.000	0.040
480 O	Plantains-green	0.010000	1.000	1.000
481 O	Plantains-dried	0.010000	3.900	1.000
940 O	Peanuts-hulled	0.010000	1.000	0.030

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

### Chronic Results - 1989-92 Consumption Data

U.S. Environmental Protection Agency  
 DEEM Chronic analysis for CARBARYL  
 Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$10chroniccarbarylfinal9.RS7  
 Ver. 7.76  
 (1989-92 data)  
 Adjustment factor #2 used.

Analysis Date 04-08-2002/14:13:35 Residue file dated: 04-08-2002/14:12:04/8  
 Reference dose (RfD, Chronic) = .01 mg/kg bw/day

Total exposure by population subgroup		
Population Subgroup	Total Exposure	
	mg/kg body wt/day	Percent of Rfd
U.S. Population (total)	0.000032	0.3%
U.S. Population (spring season)	0.000031	0.3%
U.S. Population (summer season)	0.000030	0.3%
U.S. Population (autumn season)	0.000034	0.3%
U.S. Population (winter season)	0.000033	0.3%
Northeast region	0.000039	0.4%
Midwest region	0.000023	0.2%
Southern region	0.000035	0.3%
Western region	0.000031	0.3%
Hispanics	0.000025	0.3%
Non-hispanic whites	0.000031	0.3%
Non-hispanic blacks	0.000038	0.4%
Non-hisp/non-white/non-black	0.000054	0.5%
All infants (< 1 year)	0.000054	0.5%
Nursing infants	0.000031	0.3%
Non-nursing infants	0.000063	0.6%
Children 1-6 yrs	0.000057	0.6%
Children 7-12 yrs	0.000036	0.4%
Females 13-19 (not preg or nursing)	0.000019	0.2%
Females 20+ (not preg or nursing)	0.000028	0.3%
Females 13-50 yrs	0.000026	0.3%
Females 13+ (preg/not nursing)	0.000031	0.3%
Females 13+ (nursing)	0.000032	0.3%
Males 13-19 yrs	0.000022	0.2%
Males 20+ yrs	0.000031	0.3%
Seniors 55+	0.000031	0.3%
Pacific Region	0.000033	0.3%

### Cancer Results - 1989-92 Consumption Data

U.S. Environmental Protection Agency  
 DEEM Chronic analysis for CARBARYL  
 Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$10chroniccarbarylfinal9.RS7  
 Ver. 7.76  
 (1989-92 data)  
 Adjustment factor #2 used.

Analysis Date 04-08-2002/14:13:17 Residue file dated: 04-08-2002/14:12:04/8  
 Q\* = 0.000875

Total exposure by population subgroup		
Population Subgroup	Total Exposure	
	mg/kg body wt/day	Lifetime risk (Q* = .000875)
U.S. Population (total)	0.000032	2.80E-08

## Attachment 2: Chronic and Cancer Dietary Exposure Analysis: All Commodities

### Chronic Results - 1994-98 Consumption Data

U.S. Environmental Protection Agency Ver. 7.76  
 DEM Chronic analysis for CARBARYL (1994-98 data)  
 Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$10chroniccarbarylfinal9.RS7  
 Adjustment factor #2 used.

Analysis Date 04-08-2002/14:15:03 Residue file dated: 04-08-2002/14:12:04/8  
 Reference dose (Rfd, Chronic) = .01 mg/kg bw/day

=====

Total exposure by population subgroup

#### Total Exposure

Population Subgroup	mg/kg body wt/day	Percent of Rfd
U.S. Population (total)	0.000035	0.3%
U.S. Population (spring season)	0.000035	0.3%
U.S. Population (summer season)	0.000033	0.3%
U.S. Population (autumn season)	0.000036	0.4%
U.S. Population (winter season)	0.000035	0.4%
Northeast region	0.000042	0.4%
Midwest region	0.000028	0.3%
Southern region	0.000033	0.3%
Western region	0.000038	0.4%
Hispanics	0.000033	0.3%
Non-hispanic whites	0.000032	0.3%
Non-hispanic blacks	0.000043	0.4%
Non-hisp/non-white/non-black	0.000060	0.6%
All infants (< 1 year)	0.000059	0.6%
Nursing infants	0.000038	0.4%
Non-nursing infants	0.000067	0.7%
Children 1-6 yrs	0.000074	0.7%
Children 7-12 yrs	0.000034	0.3%
Females 13-19 (not preg or nursing)	0.000021	0.2%
Females 20+ (not preg or nursing)	0.000029	0.3%
Females 13-50 yrs	0.000028	0.3%
Females 13+ (preg/not nursing)	0.000028	0.3%
Females 13+ (nursing)	0.000031	0.3%
Males 13-19 yrs	0.000026	0.3%
Males 20+ yrs	0.000032	0.3%
Seniors 55+	0.000030	0.3%

### Cancer Results - 1994-98 Consumption Data

U.S. Environmental Protection Agency Ver. 7.76  
 DEM Chronic analysis for CARBARYL (1994-98 data)  
 Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$10chroniccarbarylfinal9.RS7  
 Adjustment factor #2 used.

Analysis Date 04-08-2002/14:15:14 Residue file dated: 04-08-2002/14:12:04/8

Q\* = 0.000875

=====

Total exposure by population subgroup

#### Total Exposure

Population Subgroup	mg/kg body wt/day	Lifetime risk (Q* = .000875)
U.S. Population (total)	0.000035	3.04E-08

## Attachment 3: Acute Dietary Exposure Analysis: All Commodities

### Residue File

U.S. Environmental Protection Agency  
DEEM Acute analysis for CARBARYL  
Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10carbarylfinal9.RS7  
Analysis Date 04-15-2002 Residue file dated: 04-02-2002/14:55:15/8  
Reference dose (aRfD) = 0.01 mg/kg bw/day

RDL indices and parameters for Monte Carlo Analysis:

Index	Dist	Parameter #1	Param #2	Param #3	Comment
#	Code				
1	6	Gardenbeet.rdf			
2	6	Carrot.rdf			
3	6	chic hors parsnip salsify.rdf			
4	6	Potato.rdf			
5	6	radishes.rdf			
6	6	Turnip.rdf			
7	6	sweetpotato.rdf			
8	6	topsgardenbeet.rdf			
9	6	topsradish.rdf			
10	6	Topturnip.rdf			
11	6	celery.rdf			
12	6	spinach.rdf			
13	6	cannedspinach.rdf			
14	6	lettucehd.rdf			
15	6	lettuceleaf.rdf			
16	6	rhubarb.rdf			
17	6	broccoli.rdf			
18	6	brusselssprouts.rdf			
19	6	cabbage.rdf			
20	6	cauliflower.rdf			
21	6	collards.rdf			
22	6	mustards.rdf			
23	6	kohrabi.rdf			
24	6	beanssucculentfresh.rdf			
25	6	beanssucculentprocessed.rdf			
26	6	beanslima.rdf			
27	6	Peasfresh.rdf			
28	6	Peasprocessed.rdf			
29	6	allegplant.rdf			
30	6	peppersnonbell.rdf			
31	6	allsweetpepper.rdf			
32	6	tomatoesPB.rdf			
33	6	tomatoesNB.rdf			
34	6	allcucumber.rdf			
35	6	melon.rdf			
36	6	cantaloupe.rdf			
37	6	honeydew.rdf			
38	6	allwatermelon.rdf			
39	6	pumpkin.rdf			
40	6	wintersquash.rdf			
41	6	allsummersquash.rdf			
42	6	citrus.rdf			
43	6	grapefruitjuice.rdf			
44	6	lemonjuice.rdf			
45	6	orangesdecomp.rdf			
46	6	limejuice.rdf			
47	6	orangejuice.rdf			
48	6	appledecomp.rdf			
49	6	apple.rdf			
50	6	applejuice.rdf			
51	6	peardecomp.rdf			
52	6	pear.rdf			
53	6	quince.rdf			
54	6	crabapple.rdf			
55	6	apricot.rdf			
56	6	Apricotss.rdf			
57	6	allsweetcherries.rdf			
58	6	alltartcherries.rdf			
59	6	nectarine.rdf			
60	6	peachSS.rdf			
61	6	Peach.rdf			
62	6	plum2.rdf			
63	6	blackberries.rdf			
64	6	allblueberry.rdf			
65	6	boysenberry.rdf			
66	6	currant.rdf			

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

```

67   6 allraspberries.rdf
68   6 almonds.rdf
69   6 chestnut.rdf
70   6 filbert.rdf
71   6 pecan.rdf
72   6 walnut.rdf
73   6 corn.rdf
74   6 allasparagus.rdf
75   6 banana.rdf
76   6 allcranberry.rdf
77   6 grapes.rdf
78   6 grapejuice.rdf
79   6 okra.rdf
80   6 olives.rdf
81   6 pineappledecomp.rdf
82   6 pineapplemexico.rdf
83   6 pistachio.rdf
84   6 strawberrypdp.rdf
85   6 sunflower.rdf
86   6 milk2.rdf
87   6 ruminantliver2.rdf
88   6 ruminantkidney2.rdf
89   6 swinemeat2.rdf
90   6 swinefat2.rdf
91   6 swineliver2.rdf
92   6 swinekidney2.rdf
93   6 poultry.rdf
94   6 eggs.rdf
95   6 pineapplelether.rdf
96   6 Plumdecomp.rdf
97   6 pineappledomestic.rdf
98   6 appledried.rdf
99   6 soybean.rdf
100  6 wheat.rdf

```

Food Code	Crop Grp	Food Name	Def (ppm)	Res	-----RDL Indices and Ratios-----						
					#1	#2	I#1	Ratio#1	I#2	Ratio#2	I#3
1	13A	Blackberries			1.000000	1.000	1.000	63	1.0000		
2	13A	Boysenberries			1.000000	1.000	1.000	65	1.0000		
3	13A	Dewberries			1.000000	1.000	1.000	65	1.0000		
4	13A	Loganberries			1.000000	1.000	1.000	65	1.0000		
5	13A	Raspberries			1.000000	1.000	1.000	67	1.0000		
6	13A	Youngberries			1.000000	1.000	1.000	65	1.0000		
7	13B	Blueberries			1.000000	1.000	1.000	64	1.0000		
8	O	Cranberries			1.000000	1.000	1.000	76	1.0000		
9	O	Cranberries-juice			1.000000	1.100	1.000	76	1.0000		
10	13B	Currants			1.000000	1.000	1.000	66	1.0000		
11	13B	Elderberries			1.000000	1.000	1.000	66	1.0000		
12	13B	Gooseberries			1.000000	1.000	1.000	66	1.0000		
13	O	Grapes			1.000000	1.000	1.000	77	1.0000		
14	O	Grapes-raisins			11-Uncooked						
					1.000000	2.170	1.000	77	1.0000		
					12-Cooked: NFS						
					1.000000	1.370	1.000	77	1.0000		
					13-Baked						
					1.000000	1.370	1.000	77	1.0000		
					14-Boiled						
					1.000000	1.370	1.000	77	1.0000		
					18-Dried						
					1.000000	1.370	1.000	77	1.0000		
					42-Frozen: Cooked						

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

		1.000000	1.370	1.000	77	1.0000
15	O	Grapes-juice				
		1.000000	1.000	1.000	78	1.0000
16	13B	Huckleberries				
		1.000000	1.000	1.000	66	1.0000
17	O	Strawberries				
		1.000000	1.000	1.000	84	1.0000
20	10	Citrus citron				
		1.000000	1.000	1.000	42	1.0000
22	10	Grapefruit-peeled fruit				
		11-Uncooked				
		1.000000	1.000	1.000	45	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	45	1.0000
		14-Boiled				
		0.000000	1.000	1.000		
		31-Canned: NFS				
		1.000000	1.000	1.000	42	1.0000
23	10	Grapefruit-juice				
		1.000000	1.170	1.000	43	1.0000
24	10	Kumquats				
		1.000000	1.000	1.000	42	1.0000
26	10	Lemons-peeled fruit				
		11-Uncooked				
		1.000000	1.000	1.000	45	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	45	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	42	1.0000
27	10	Lemons-peel				
		1.000000	1.190	1.000	42	1.0000
28	10	Lemons-juice				
		1.000000	1.110	1.000	44	1.0000
30	10	Limes-peeled fruit				
		1.000000	1.000	1.000	45	1.0000
31	10	Limes-peel				
		1.000000	1.270	1.000	42	1.0000
32	10	Limes-juice				
		1.000000	1.110	1.000	46	1.0000
33	10	Oranges-juice-concentrate				
		1.000000	3.700	1.000	47	1.0000
34	10	Oranges-peeled fruit				
		11-Uncooked				
		1.000000	1.000	1.000	45	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	45	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	42	1.0000
35	10	Oranges-peel				
		1.000000	1.270	1.000	42	1.0000
36	10	Oranges-juice				
		1.000000	1.000	1.000	47	1.0000
37	10	Tangelos				
		1.000000	1.000	1.000	45	1.0000
38	10	Tangerines				
		11-Uncooked				
		1.000000	1.000	1.000	45	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	42	1.0000
		41-Frozen: NFS				
		1.000000	1.000	1.000	42	1.0000
39	10	Tangerines-juice				
		1.000000	1.280	1.000	46	1.0000
40	14	Almonds				
		1.000000	1.000	1.000	68	1.0000
43	14	Chestnuts				
		1.000000	1.000	1.000	69	1.0000
44	14	Filberts (hazelnuts)				
		1.000000	1.000	1.000	70	1.0000
48	14	Walnuts				
		1.000000	1.000	1.000	72	1.0000
50	O	Pistachio nuts				
		1.000000	1.000	1.000	83	1.0000
52	11	Apples				
		11-Uncooked				
		1.000000	1.000	1.000	48	1.0000

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

		12-Cooked: NFS				
		1.000000 1.000 1.000 48 1.0000				
		13-Baked				
		1.000000 1.000 1.000 48 1.0000				
		14-Boiled				
		1.000000 1.000 1.000 48 1.0000				
		15-Fried				
		1.000000 1.000 1.000 48 1.0000				
		18-Dried				
		0.009000 1.000 1.000 98 1.0000				
		31-Canned: NFS				
		1.000000 1.000 1.000 49 1.0000				
		32-Canned: Cooked				
		1.000000 1.000 1.000 49 1.0000				
		33-Canned: Baked				
		1.000000 1.000 1.000 49 1.0000				
		34-Canned: Boiled				
		1.000000 1.000 1.000 49 1.0000				
		42-Frozen: Cooked				
		1.000000 1.000 1.000 49 1.0000				
53 11	Apples-dried					
		1.000000 2.600 1.000 49 1.0000				
54 11	Apples-juice/cider					
		1.000000 1.000 1.000 50 1.0000				
55 11	Crabapples					
		1.000000 1.000 1.000 54 1.0000				
56 11	Pears					
		11-Uncooked				
		1.000000 1.000 1.000 51 1.0000				
		12-Cooked: NFS				
		1.000000 1.000 1.000 51 1.0000				
		13-Baked				
		1.000000 1.000 1.000 51 1.0000				
		14-Boiled				
		1.000000 1.000 1.000 51 1.0000				
		31-Canned: NFS				
		1.000000 1.000 1.000 52 1.0000				
57 11	Pears-dried					
		1.000000 2.600 1.000 52 1.0000				
58 11	Quinces					
		1.000000 1.000 1.000 53 1.0000				
59 12	Apricots					
		11-Uncooked				
		1.000000 1.000 1.000 56 1.0000				
		12-Cooked: NFS				
		1.000000 1.000 1.000 56 1.0000				
		14-Boiled				
		1.000000 1.000 1.000 56 1.0000				
		31-Canned: NFS				
		1.000000 1.000 1.000 55 1.0000				
		34-Canned: Boiled				
		1.000000 1.000 1.000 55 1.0000				
60 12	Apricots-dried					
		1.000000 6.000 1.000 55 1.0000				
61 12	Cherries					
		11-Uncooked				
		1.000000 1.000 1.000 57 1.0000				
		12-Cooked: NFS				
		1.000000 1.000 1.000 58 1.0000				
		13-Baked				
		1.000000 1.000 1.000 58 1.0000				
		14-Boiled				
		1.000000 1.000 1.000 58 1.0000				
		31-Canned: NFS				
		1.000000 1.000 1.000 58 1.0000				
		33-Canned: Baked				
		1.000000 1.000 1.000 58 1.0000				
		41-Frozen: NFS				
		1.000000 1.000 1.000 58 1.0000				
62 12	Cherries-dried					
		1.000000 4.000 1.000 57 1.0000				
63 12	Cherries-juice					
		1.000000 1.500 1.000 58 1.0000				
64 12	Nectarines					
		1.000000 1.000 1.000 59 1.0000				
65 12	Peaches					

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

		11-Uncooked					
		1.000000	1.000	1.000	60	1.0000	
		12-Cooked: NFS					
		1.000000	1.000	1.000	60	1.0000	
		13-Baked					
		1.000000	1.000	1.000	60	1.0000	
		14-Boiled					
		1.000000	1.000	1.000	60	1.0000	
		31-Canned: NFS					
		1.000000	1.000	1.000	61	1.0000	
		41-Frozen: NFS					
		1.000000	1.000	1.000	61	1.0000	
66	12	Peaches-dried					
		1.000000	7.000	1.000	61	1.0000	
67	12	Plums (damsons)					
		11-Uncooked					
		1.000000	1.000	1.000	96	1.0000	
		12-Cooked: NFS					
		1.000000	1.000	1.000	96	1.0000	
		31-Canned: NFS					
		1.000000	1.000	1.000	62	1.0000	
		42-Frozen: Cooked					
		1.000000	1.000	1.000	62	1.0000	
		51-Cured: NFS (smoked/p					
		1.000000	1.000	1.000	62	1.0000	
68	12	Plums-prunes (dried)					
		1.000000	0.150	1.000	62	1.0000	
69	12	Plums/prune-juice					
		1.000000	1.400	1.000	62	1.0000	
72	O	Bananas					
		1.000000	1.000	1.000	75	1.0000	
73	O	Bananas-dried					
		1.000000	3.900	1.000	75	1.0000	
81	11	Loquats					
		1.000000	1.000	1.000	53	1.0000	
82	O	Olives					
		1.000000	1.000	1.000	80	1.0000	
89	O	Pineapples-peeled fruit					
		11-Uncooked					
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		12-Cooked: NFS					97 0.5000
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		13-Baked					97 0.5000
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		14-Boiled					97 0.5000
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		31-Canned: NFS					97 0.5000
		1.000000	0.540	1.000	82	0.0250	95 0.4750
		33-Canned: Baked					97 0.5000
		1.000000	0.540	1.000	82	0.0250	95 0.4750
		41-Frozen: NFS					97 0.5000
		1.000000	0.540	1.000	82	0.0250	95 0.4750
90	O	Pineapples-dried					
		1.000000	5.000	1.000	82	0.0250	95 0.4750
91	O	Pineapples-juice					
		1.000000	0.540	1.000	82	0.0250	95 0.4750
94	O	Plantains-ripe					
		1.000000	1.000	1.000	75	1.0000	
123	19A	Dill					
		0.004000	1.000	1.000			
126	1AB	Horseradish					
		1.000000	1.000	1.000	3	1.0000	
139	8	Paprika					
		1.000000	1.000	1.000	30	1.0000	
141	9A	Melons-cantaloupes-juice					
		1.000000	1.000	1.000	36	1.0000	
142	9A	Melons-cantaloupes-pulp					
		1.000000	1.000	1.000	36	1.0000	
143	9A	Casabas					
		1.000000	1.000	1.000	35	1.0000	
144	9A	Crenshaws					
		1.000000	1.000	1.000	35	1.0000	
145	9A	Melons-honeydew					
		1.000000	1.000	1.000	37	1.0000	
146	9A	Melons-persian					
		1.000000	1.000	1.000	35	1.0000	

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

147	9A	Watermelon					
			1.000000	1.000	1.000	38	1.0000
148	9B	Cucumbers					
			1.000000	1.000	1.000	34	1.0000
149	9B	Pumpkin					
			1.000000	1.000	1.000	39	1.0000
150	9B	Squash-summer					
			1.000000	1.000	1.000	41	1.0000
151	9B	Squash-winter					
			1.000000	1.000	1.000	40	1.0000
152	9B	Bitter melon					
			1.000000	1.000	1.000	35	1.0000
154	8	Eggplant					
			1.000000	1.000	1.000	29	1.0000
155	8	Peppers-sweet(garden)					
			1.000000	1.000	1.000	31	1.0000
156	8	Peppers-chilli incl jalapeno					
			1.000000	1.000	1.000	30	1.0000
157	8	Peppers-other					
			1.000000	1.000	1.000	30	1.0000
158	8	Pimientos					
			1.000000	1.000	1.000	30	1.0000
159	8	Tomatoes-whole					
		11-Uncooked					
			1.000000	1.000	1.000	33	1.0000
		12-Cooked: NFS					
			1.000000	1.000	1.000	33	1.0000
		13-Baked					
			1.000000	1.000	1.000	33	1.0000
		14-Boiled					
			1.000000	1.000	1.000	33	1.0000
		15-Fried					
			1.000000	1.000	1.000	33	1.0000
		31-Canned: NFS					
			1.000000	1.000	1.000	32	1.0000
		32-Canned: Cooked					
			1.000000	1.000	1.000	32	1.0000
		33-Canned: Baked					
			1.000000	1.000	1.000	32	1.0000
		34-Canned: Boiled					
			1.000000	1.000	1.000	32	1.0000
		42-Frozen: Cooked					
			1.000000	1.000	1.000	32	1.0000
160	8	Tomatoes-juice					
			1.000000	0.540	1.000	32	1.0000
161	8	Tomatoes-puree					
			1.000000	0.650	1.000	32	1.0000
162	8	Tomatoes-paste					
			1.000000	0.650	1.000	32	1.0000
163	8	Tomatoes-catsup					
			1.000000	0.650	1.000	32	1.0000
165	2	Beets-garden-tops(greens)					
			1.000000	1.000	1.000	8	1.0000
166	4B	Celery					
			1.000000	1.000	1.000	11	1.0000
168	5A	Broccoli					
			1.000000	1.000	1.000	17	1.0000
169	5A	Brussels sprouts					
			1.000000	1.000	1.000	18	1.0000
170	5A	Cabbage-green and red					
		11-Uncooked					
			1.000000	0.250	1.000	19	1.0000
		12-Cooked: NFS					
			1.000000	0.025	1.000	19	1.0000
		13-Baked					
			1.000000	0.025	1.000	19	1.0000
		14-Boiled					
			1.000000	0.025	1.000	19	1.0000
		15-Fried					
			1.000000	0.025	1.000	19	1.0000
		31-Canned: NFS					
			1.000000	0.250	1.000	19	1.0000
		32-Canned: Cooked					
			1.000000	0.025	1.000	19	1.0000
		51-Cured: NFS (smoked/p					
			1.000000	0.025	1.000	19	1.0000

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

171	5A	Cauliflower	1.000000	1.000	1.000	20	1.0000
172	5B	Collards	1.000000	1.000	1.000	21	1.0000
174	5B	Kale	1.000000	1.000	1.000	22	1.0000
175	5A	Kohlrabi	1.000000	1.000	1.000	23	1.0000
176	4A	Lettuce-leafy varieties	1.000000	1.000	1.000	15	1.0000
177	4A	Dandelion-greens	1.000000	1.000	1.000	12	1.0000
178	4A	Endive-curley and escarole	1.000000	1.000	1.000	15	1.0000
182	4A	Lettuce-unspecified	1.000000	1.000	1.000	14	1.0000
183	5B	Mustard greens	1.000000	1.000	1.000	22	1.0000
184	4A	Parsley	1.000000	1.000	1.000	12	1.0000
185	4B	Rhubarb	1.000000	1.000	1.000	16	1.0000
186	4A	Spinach	11-Uncooked				
			1.000000	1.000	1.000	12	1.0000
			12-Cooked: NFS				
			1.000000	1.000	1.000	12	1.0000
			13-Baked				
			0.000000	1.000	1.000		
			14-Boiled				
			1.000000	1.000	1.000	12	1.0000
			31-Canned: NFS				
			1.000000	1.000	1.000	13	1.0000
			32-Canned: Cooked				
			1.000000	1.000	1.000	13	1.0000
			34-Canned: Boiled				
			1.000000	1.000	1.000	13	1.0000
			42-Frozen: Cooked				
			1.000000	1.000	1.000	12	1.0000
			44-Frozen: Boiled				
			1.000000	1.000	1.000	12	1.0000
187	4B	Swiss chard	1.000000	1.000	1.000	16	1.0000
188	2	Turnips-tops	1.000000	1.000	1.000	10	1.0000
192	4A	Lettuce-head varieties	1.000000	1.000	1.000	14	1.0000
195	O	Grapes-leaves	1.000000	1.000	1.000	77	1.0000
197	1AB	Beets-garden-roots	1.000000	1.000	1.000	1	1.0000
198	1AB	Carrots	1.000000	1.000	1.000	2	1.0000
207	1C	Potatoes/white-whole	11-Uncooked				
			1.000000	1.000	1.000	4	1.0000
			12-Cooked: NFS				
			1.000000	0.040	1.000	4	1.0000
			13-Baked				
			1.000000	1.200	1.000	4	1.0000
			14-Boiled				
			1.000000	2.500	1.000	4	1.0000
			15-Fried				
			1.000000	0.040	1.000	4	1.0000
			31-Canned: NFS				
			1.000000	1.000	1.000	4	1.0000
208	1C	Potatoes/white-unspecified	1.000000	1.000	1.000	4	1.0000
209	1C	Potatoes/white-peeled	11-Uncooked				
			0.000000	1.000	1.000		
			12-Cooked: NFS				
			1.000000	1.000	1.000	4	1.0000
			13-Baked				
			1.000000	1.200	1.000	4	1.0000
			14-Boiled				

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

		1.000000	2.500	1.000	4	1.0000
	15-Fried	1.000000	0.040	1.000	4	1.0000
	31-Canned: NFS	0.000000	1.000	1.000		
	32-Canned: Cooked	1.000000	1.000	1.000	4	1.0000
	34-Canned: Boiled	1.000000	2.500	1.000	4	1.0000
	42-Frozen: Cooked	1.000000	1.000	1.000	4	1.0000
	43-Frozen: Baked	1.000000	1.200	1.000	4	1.0000
	45-Frozen: Fried	1.000000	0.040	1.000	4	1.0000
210 1C	Potatoes/white-dry	0.000357	0.020	1.000		
211 1C	Potatoes/white-peel only	13-Baked	1.000000	1.200	1.000	4 1.0000
	15-Fried	1.000000	0.040	1.000	4	1.0000
212 1AB	Radishes-roots	1.000000	1.000	1.000	5	1.0000
213 2	Radishes-tops	1.000000	1.000	1.000	9	1.0000
214 1AB	Rutabagas-roots	1.000000	1.000	1.000	6	1.0000
215 2	Rutabagas-tops	1.000000	1.000	1.000	10	1.0000
216 1AB	Salsify(oyster plant)	1.000000	1.000	1.000	3	1.0000
218 1CD	Sweet potatoes (incl yams)	1.000000	1.000	1.000	7	1.0000
219 1AB	Turnips-roots	1.000000	1.000	1.000	6	1.0000
220 1AB	Parsnips	1.000000	1.000	1.000	3	1.0000
227 6C	Beans-dry-great northern	0.002000	1.000	1.000		
228 6C	Beans-dry-kidney	0.002000	1.000	1.000		
229 6C	Beans-dry-lima	0.002000	1.000	1.000		
230 6C	Beans-dry-navy (pea)	0.002000	1.000	1.000		
231 6C	Beans-dry-other	0.002000	1.000	1.000		
232 6C	Beans-dry-pinto	0.002000	1.000	1.000		
233 6B	Beans-succulent-lima	1.000000	1.000	1.000	26	1.0000
234 6A	Beans-succulent-green	11-Uncooked	1.000000	1.000	1.000	24 1.0000
	12-Cooked: NFS	1.000000	1.000	1.000	24	1.0000
	14-Boiled	1.000000	1.000	1.000	24	1.0000
	31-Canned: NFS	1.000000	1.000	1.000	25	1.0000
	32-Canned: Cooked	1.000000	1.000	1.000	25	1.0000
	34-Canned: Boiled	1.000000	1.000	1.000	25	1.0000
	42-Frozen: Cooked	1.000000	1.000	1.000	25	1.0000
	44-Frozen: Boiled	1.000000	1.000	1.000	25	1.0000
	51-Cured: NFS (smoked/p	1.000000	1.000	1.000	25	1.0000
235 6A	Beans-succulent-other	1.000000	1.000	1.000	25	1.0000
236 6A	Beans-succulent-yellow/wax	14-Boiled	1.000000	1.000	1.000	24 1.0000

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

		32-Canned: Cooked				
		1.000000 1.000 1.000 25 1.0000				
		42-Frozen: Cooked				
		1.000000 1.000 1.000 25 1.0000				
237 15	Corn/pop					
		0.000100 1.000 1.000				
238 15	Corn/sweet					
		1.000000 1.000 1.000 73 1.0000				
240 6C	Peas (garden)-dry					
		0.013000 0.045 1.000				
241 6AB	Peas (garden)-green					
	11-Uncooked					
		1.000000 1.000 1.000 27 1.0000				
	12-Cooked: NFS					
		1.000000 0.150 1.000 27 1.0000				
	13-Baked					
		1.000000 0.150 1.000 27 1.0000				
	14-Boiled					
		1.000000 0.150 1.000 27 1.0000				
	15-Fried					
		1.000000 0.150 1.000 27 1.0000				
	31-Canned: NFS					
		1.000000 1.000 1.000 28 1.0000				
	32-Canned: Cooked					
		1.000000 0.150 1.000 28 1.0000				
	34-Canned: Boiled					
		1.000000 0.150 1.000 28 1.0000				
	42-Frozen: Cooked					
		1.000000 0.150 1.000 28 1.0000				
	44-Frozen: Boiled					
		1.000000 0.150 1.000 28 1.0000				
	45-Frozen: Fried					
		1.000000 0.150 1.000 28 1.0000				
243 6C	Lentils					
		0.002000 1.000 1.000				
244 6C	Mung beans (sprouts)					
		0.002000 1.000 1.000				
245 O	Okra					
	12-Cooked: NFS					
		1.000000 0.180 1.000 79 1.0000				
	14-Boiled					
		1.000000 0.050 1.000 79 1.0000				
	15-Fried					
		1.000000 0.180 1.000 79 1.0000				
	32-Canned: Cooked					
		1.000000 0.180 1.000 79 1.0000				
	42-Frozen: Cooked					
		1.000000 0.180 1.000 79 1.0000				
	44-Frozen: Boiled					
		1.000000 0.050 1.000 79 1.0000				
249 6C	Beans-dry-broadbeans					
		0.002000 1.000 1.000				
250 6B	Beans-succulent-broadbeans					
		1.000000 1.000 1.000 24 1.0000				
251 6C	Beans-dry-pigeon beans					
		0.002000 1.000 1.000				
253 6	Beans-unspecified					
		1.000000 1.000 1.000 24 1.0000				
255 6A	Soybeans-sprouted seeds					
		0.000015 0.330 1.000 99 1.0000				
256 O	Beans-dry-hyacinth					
		0.002000 1.000 1.000				
257 O	Beans-succulent-hyacinth					
		1.000000 1.000 1.000 24 1.0000				
258 6C	Beans-dry-blackeye peas/cowpea					
		0.002000 1.000 1.000				
259 6C	Beans-dry-garbanzo/chick pea					
		0.002000 1.000 1.000				
260 O	Asparagus					
		1.000000 1.000 1.000 74 1.0000				
266 15	Corn grain-endosperm					
		0.000100 1.000 1.000				
267 15	Corn grain-bran					
		0.000100 1.000 1.000				
268 15	Corn grain/sugar/hfcs					
		0.000100 1.500 1.000				

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

270 15	Rice-rough (brown)					
	0.074000	1.000	1.000			
271 15	Rice-milled (white)					
	0.074000	0.030	1.000			
275 15	Sorghum (including milo)					
	0.000015	1.000	1.000	100	1.0000	
276 15	Wheat-rough					
	0.000015	1.000	1.000	100	1.0000	
277 15	Wheat-germ					
	0.000015	1.000	1.000			
278 15	Wheat-bran					
	0.000015	1.000	1.000			
279 15	Wheat-flour					
	0.000015	1.000	1.000			
280 15	Millet					
	0.000015	1.000	1.000	100	1.0000	
282 1A	Sugar-beet					
	0.000400	0.040	1.000			
287 6C	Guar beans					
	1.000000	1.000	1.000	24	1.0000	
289 15	Corn grain-oil					
	0.000100	0.250	1.000			
292 O	Flax seed					
	0.000100	1.000	1.000			
293 O	Peanuts-oil					
	0.000600	0.290	1.000			
297 6A	Soybeans-oil					
	0.000015	0.010	1.000			
298 O	Sunflower-oil					
	0.000400	0.670	1.000			
300 O	Olive oil					
	0.077000	0.810	1.000			
303 6A	Soybean-other					
	0.000015	1.000	1.000	99	1.0000	
304 6A	Soybeans-mature seeds dry					
	0.000015	1.000	1.000	99	1.0000	
305 6A	Soybeans-flour (full fat)					
	0.000015	1.000	1.000			
306 6A	Soybeans-flour (low fat)					
	0.000015	1.000	1.000			
307 6A	Soybeans-flour (defatted)					
	0.000015	1.000	1.000			
315 O	Grapes-wine and sherry					
	1.000000	1.000	1.000	77	1.0000	
318 D	Milk-nonfat solids					
	0.030000	1.000	1.000	86	1.0000	
319 D	Milk-fat solids					
	0.030000	1.000	1.000	86	1.0000	
320 D	Milk sugar (lactose)					
	0.030000	1.000	1.000	86	1.0000	
321 M	Beef-meat byproducts					
	3.675000	1.000	1.000	88	1.0000	
322 M	Beef-other organ meats					
	3.675000	1.000	1.000	88	1.0000	
323 M	Beef-dried					
	0.907000	1.920	1.000	86	1.0000	
324 M	Beef-fat w/o bones					
	0.368000	1.000	1.000	86	1.0000	
325 M	Beef-kidney					
	3.675000	1.000	1.000	88	1.0000	
326 M	Beef-liver					
	1.390000	1.000	1.000	87	1.0000	
327 M	Beef-lean (fat/free) w/o bones					
	0.907000	1.000	1.000	86	1.0000	
328 M	Goat-meat byproducts					
	3.675000	1.000	1.000	88	1.0000	
329 M	Goat-other organ meats					
	3.675000	1.000	1.000	88	1.0000	
330 M	Goat-fat w/o bone					
	0.368000	1.000	1.000	86	1.0000	
331 M	Goat-kidney					
	3.675000	1.000	1.000	88	1.0000	
332 M	Goat-liver					
	1.390000	1.000	1.000	87	1.0000	
333 M	Goat-lean (fat/free) w/o bone					
	0.907000	1.000	1.000	86	1.0000	

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

336 M	Sheep-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		
337 M	Sheep-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
338 M	Sheep-fat w/o bone						
	0.368000	1.000	1.000	86	1.0000		
339 M	Sheep-kidney						
	3.675000	1.000	1.000	88	1.0000		
340 M	Sheep-liver						
	1.390000	1.000	1.000	87	1.0000		
341 M	Sheep-lean (fat free) w/o bone						
	0.907000	1.000	1.000	86	1.0000		
342 M	Pork-meat byproducts						
	0.260000	1.000	1.000	92	1.0000		
343 M	Pork-other organ meats						
	0.260000	1.000	1.000	92	1.0000		
344 M	Pork-fat w/o bone						
	0.026000	1.000	1.000	90	1.0000		
345 M	Pork-kidney						
	0.260000	1.000	1.000	92	1.0000		
346 M	Pork-liver						
	0.100000	1.000	1.000	91	1.0000		
347 M	Pork-lean (fat free) w/o bone						
	0.065000	1.000	1.000	89	1.0000		
349 F	Fish-shellfish						
	0.250000	1.000	1.000				
377 11	Apples-juice-concentrate						
	1.000000	3.000	1.000	50	1.0000		
378 O	Bananas-juice						
	1.000000	1.000	1.000	75	1.0000		
379 1A	Sugar-beet-molasses						
	0.000400	0.040	1.000				
380 13A	Blackberries-juice						
	1.000000	1.000	1.000	63	1.0000		
383 5B	Cabbage-savoy						
	12-Cooked: NFS						
	1.000000	0.025	1.000	19	1.0000		
384 4B	Celery juice						
	1.000000	1.000	1.000	11	1.0000		
388 15	Corn grain/sugar-molasses						
	0.000100	1.500	1.000				
389 O	Cranberries-juice-concentrate						
	1.000000	3.300	1.000	76	1.0000		
392 O	Grapes-juice-concentrate						
	1.000000	3.000	1.000	78	1.0000		
398 D	Milk-based water						
	0.030000	1.000	1.000	86	1.0000		
402 12	Peaches-juice						
	1.000000	1.000	1.000	61	1.0000		
403 O	Peanuts-butter						
	0.000600	1.890	1.000				
404 11	Pears-juice						
	1.000000	0.370	1.000	52	1.0000		
405 6B	Peas-succulent/blackeye/cowpea						
	12-Cooked: NFS						
	1.000000	0.150	1.000	27	1.0000		
	14-Boiled						
	1.000000	0.150	1.000	27	1.0000		
	32-Canned: Cooked						
	1.000000	0.150	1.000	28	1.0000		
	42-Frozen: Cooked						
	1.000000	0.150	1.000	28	1.0000		
406 O	Pineapples-juice-concentrate						
	1.000000	2.000	1.000	82	0.0250	95	0.4750
407 1AB	Radishes-japanese (daiknen)					97	0.5000
	1.000000	1.000	1.000	5	1.0000		
408 15	Rice-bran						
	0.074000	0.400	1.000				
410 12	Apricot juice						
	1.000000	1.000	1.000	55	1.0000		
413 6A	Snowpeas						
	11-Uncooked						
	1.000000	1.000	1.000	27	1.0000		
	12-Cooked: NFS						
	1.000000	1.000	1.000	27	1.0000		
	14-Boiled						

### Attachment 3: Acute Dietary Exposure Analysis: All Commodities

	1.000000	1.000	1.000	27	1.0000
	15-Fried				
	1.000000	1.000	1.000	27	1.0000
	42-Frozen: Cooked				
	1.000000	1.000	1.000	28	1.0000
415 9B	Squash-spaghetti				
	1.000000	1.000	1.000	40	1.0000
416 O	Strawberries-juice				
	1.000000	1.000	1.000	84	1.0000
417 O	Sunflower-seeds				
	1.000000	1.000	1.000	85	1.0000
420 10	Tangerines-juice-concentrate				
	1.000000	4.080	1.000	46	1.0000
423 8	Tomatoes-dried				
	1.000000	0.520	1.000	32	1.0000
424 M	Veal-fat w/o bones				
	0.368000	1.000	1.000	86	1.0000
425 M	Veal-lean (fat free) w/o bones				
	0.907000	1.000	1.000	86	1.0000
426 M	Veal-kidney				
	3.675000	1.000	1.000	88	1.0000
427 M	Veal-liver				
	1.390000	1.000	1.000	87	1.0000
428 M	Veal-other organ meats				
	3.675000	1.000	1.000	88	1.0000
429 M	Veal-dried				
	0.907000	1.920	1.000	86	1.0000
430 M	Veal-meat byproducts				
	3.675000	1.000	1.000	88	1.0000
431 14	Walnut oil				
	0.005400	1.000	1.000		
436 9A	Watermelon-juice				
	1.000000	1.000	1.000	38	1.0000
437 15	Wheat-germ oil				
	0.000015	1.000	1.000		
439 9B	Wintermelon				
	1.000000	1.000	1.000	35	1.0000
441 10	Grapefruit-juice-concentrate				
	1.000000	4.580	1.000	43	1.0000
442 10	Lemons-juice-concentrate				
	1.000000	6.330	1.000	44	1.0000
443 10	Limes-juice-concentrate				
	1.000000	3.330	1.000	46	1.0000
448 10	Grapefruit peel				
	1.000000	1.000	1.000	42	1.0000
480 O	Plantains-green				
	1.000000	1.000	1.000	75	1.0000
481 O	Plantains-dried				
	1.000000	3.900	1.000	75	1.0000
940 O	Peanuts-hulled				
	0.000600	1.000	1.000		

## Attachment 3: Acute Dietary Exposure Analysis: All Commodities

### Results - 1989-1992 Consumption data

U.S. Environmental Protection Agency  
 DEEM ACUTE Analysis for CARBARYL  
 Residue file: \$\$\$10carbarylfinal9.RS7  
 Analysis Date: 04-02-2002/15:44:07  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000      MC list in residue file      MC seed = 10  
 Run Comment: "  
 =====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:						
	0.000505	5.05	0.001381	13.81	0.005989	59.89
All infants:						
	0.000864	8.64	0.003683	36.83	0.013251	132.51
Nursing infants (<1 yr old):						
	0.000283	2.83	0.001208	12.08	0.007703	77.03
Non-nursing infants (<1 yr old):						
	0.001198	11.98	0.004263	42.63	0.014013	140.13
Children 1-6 yrs:						
	0.001309	13.09	0.002552	25.52	0.010974	109.74
Children 7-12 yrs:						
	0.000722	7.22	0.001644	16.44	0.008721	87.21
Females 13+ (preg/not nursing):						
	0.000442	4.42	0.000989	9.89	0.006103	61.03
Females 13+ (nursing):						
	0.000486	4.86	0.001408	14.08	0.008584	85.84
Females 13-19 (not preg or nursing):						
	0.000335	3.35	0.000864	8.64	0.004530	45.30
Females 20+ (not preg or nursing):						
	0.000299	2.99	0.000967	9.67	0.004767	47.67
Females 13-50 yrs:						
	0.000318	3.18	0.000918	9.18	0.004444	44.44
Males 13-19 yrs:						
	0.000428	4.28	0.000899	8.99	0.003596	35.96
Males 20+ yrs:						
	0.000318	3.18	0.000929	9.29	0.004223	42.23
Seniors 55+:						
	0.000307	3.07	0.001068	10.68	0.005789	57.89

## Attachment 3: Acute Dietary Exposure Analysis: All Commodities

### Results - 1994-1996 Consumption data

U.S. Environmental Protection Agency  
DEEM ACUTE Analysis for CARBARYL  
Residue file: \$\$\$10carbarylfinal9.RS7  
Analysis Date: 04-02-2002/16:52:44 Residue file dated: 04-02-2002/14:55:15/8  
Daily totals for food and foodform consumption used.  
MC iterations = 1000 MC list in residue file MC seed = 10  
Run Comment: ""  
=====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:	0.000508	5.08	0.001467	14.67	0.006150	61.50
All infants:	0.000922	9.22	0.004027	40.27	0.013420	134.20
Nursing infants (<1 yr old):	0.000412	4.12	0.002251	22.51	0.010542	105.42
Non-nursing infants (<1 yr old):	0.001165	11.65	0.004406	44.06	0.014247	142.47
Children 1-6 yrs:	0.001460	14.60	0.003282	32.82	0.013812	138.12
Children 7-12 yrs:	0.000685	6.85	0.001473	14.73	0.007073	70.73
Females 13+ (preg/not nursing):	0.000404	4.04	0.001077	10.77	0.006308	63.08
Females 13+ (nursing):	0.000378	3.78	0.001166	11.66	0.006904	69.04
Females 13-19 (not preg or nursing):	0.000319	3.19	0.000907	9.07	0.004463	44.63
Females 20+ (not preg or nursing):	0.000308	3.08	0.000999	9.99	0.005068	50.68
Females 13-50 yrs:	0.000322	3.22	0.000997	9.97	0.004794	47.94
Males 13-19 yrs:	0.000420	4.20	0.000929	9.29	0.005181	51.81
Males 20+ yrs:	0.000336	3.36	0.000922	9.22	0.003940	39.40
Seniors 55+:	0.000313	3.13	0.001003	10.03	0.005442	54.42

## Attachment 4 - Acute - Critical Exposure Contribution Analysis

U.S. Environmental Protection Agency  
DEEM Acute Critical Exposure Contribution Analysis (Ver 7.76)  
CSFII 1989-92  
Residue file = C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10carbarylfinal9.RS7  
Acute report = C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10carbarylfinal9.AC7  
Date and time of analysis: 04-02-2002 14:58:48  
Daily totals for food and foodform consumption used.  
Adjustment factor #2 not used.  
Minimum exposure contribution = 1%  
Monte Carlo Iterations = 1000 Seed = 10  
CEC records generated for first 111 iterations.  
Exposures divided by body weight  
=====

**U.S. Population**  
Low percentile for CEC records: 99.5 Exposure (mg/day) = 0.002066  
High percentile for CEC records: 100 Exposure (mg/day) = 0.697664  
Number of actual records in this interval: 21792

Critical foods/foodforms for this population (as derived from these records):  
N=number of appearances in all records (including duplicates)  
%=percent of total exposure for all records (including duplicates)

Food,	FF,	N ,	Percent,	Food Name
---	--	----	-----	
172,	14,	1827,	13.34%,	Collards-Boiled
188,	14,	429,	13.08%,	Turnips-tops-Boiled
52,	11,	2690,	10.12%,	Apples-Uncooked
398,	16,	7643,	9.86%,	Milk-based water-Pasteurized
52,	14,	1119,	5.13%,	Apples-Boiled
17,	11,	1071,	4.54%,	Strawberries-Uncooked
165,	14,	261,	4.05%,	Beets-garden-tops(greens)-Boiled
65,	12,	1100,	3.10%,	Peaches-Cooked: NFS
65,	31,	480,	2.37%,	Peaches-Canned: NFS
65,	11,	594,	1.70%,	Peaches-Uncooked
349,	12,	598,	1.64%,	Fish-shellfish-Cooked: NFS
234,	14,	753,	1.55%,	Beans-succulent-green-Boiled
215,	12,	52,	1.51%,	Rutabagas-tops-Cooked: NFS
54,	11,	1306,	1.46%,	Apples-juice/cider-Uncooked
64,	11,	251,	1.33%,	Nectarines-Uncooked
326,	15,	446,	1.16%,	Beef-liver-Fried
156,	11,	470,	1.14%,	Peppers-chilli incl jalapeno-Uncooked
183,	14,	162,	1.09%,	Mustard greens-Boiled
69,	11,	263,	1.03%,	Plums/prune-juice-Uncooked

---

**All infants**  
Low percentile for CEC records: 99.5 Exposure (mg/day) = 0.005300  
High percentile for CEC records: 100 Exposure (mg/day) = 0.101947  
Number of actual records in this interval: 367

Critical foods/foodforms for this population (as derived from these records):  
N=number of appearances in all records (including duplicates)  
%=percent of total exposure for all records (including duplicates)

Food,	FF,	N ,	Percent,	Food Name
---	--	----	-----	
65,	31,	179,	49.83%,	Peaches-Canned: NFS
52,	31,	73,	12.60%,	Apples-Canned: NFS
398,	16,	95,	10.82%,	Milk-based water-Pasteurized
52,	14,	14,	4.09%,	Apples-Boiled
183,	14,	4,	3.39%,	Mustard greens-Boiled
377,	31,	50,	3.12%,	Apples-juice-concentrate-Canned: NFS
65,	12,	7,	2.97%,	Peaches-Cooked: NFS
406,	41,	3,	1.90%,	Pineapples-juice-concentrate-Frozen: NFS
61,	31,	11,	1.49%,	Cherries-Canned: NFS
89,	31,	7,	1.35%,	Pineapples-peeled fruit-Canned: NFS
406,	31,	5,	1.07%,	Pineapples-juice-concentrate-Canned: NFS

---

## Attachment 4 - Acute - Critical Exposure Contribution Analysis

### Children 1-6 yrs

Low percentile for CEC records: 99.5      Exposure (mg/day) =      0.003822  
High percentile for CEC records: 100      Exposure (mg/day) =      0.697664  
Number of actual records in this interval: 2205

Critical foods/foodforms for this population (as derived from these records):

N=number of appearances in all records (including duplicates)  
%=percent of total exposure for all records (including duplicates)

Food,	FF,	N ,	Percent,	Food Name
52,	11,	409,	16.79%,	Apples-Uncooked
52,	14,	264,	13.68%,	Apples-Boiled
188,	14,	25,	9.42%,	Turnips-tops-Boiled
172,	14,	103,	6.90%,	Collards-Boiled
17,	11,	95,	5.76%,	Strawberries-Uncooked
398,	16,	698,	4.60%,	Milk-based water-Pasteurized
65,	12,	162,	4.41%,	Peaches-Cooked: NFS
326,	15,	131,	3.31%,	Beef-liver-Fried
54,	11,	209,	2.99%,	Apples-juice/cider-Uncooked
65,	31,	66,	2.90%,	Peaches-Canned: NFS
349,	12,	111,	2.69%,	Fish-shellfish-Cooked: NFS
234,	14,	105,	2.41%,	Beans-succulent-green-Boiled
65,	11,	69,	2.07%,	Peaches-Uncooked
91,	11,	40,	1.98%,	Pineapples-juice-Uncooked
416,	11,	27,	1.57%,	Strawberries-juice-Uncooked
67,	11,	20,	1.42%,	Plums (damsons)-Uncooked
17,	41,	23,	1.02%,	Strawberries-Frozen: NFS

## Attachment 5 Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

### Residue File

U.S. Environmental Protection Agency  
DEEM Acute analysis for CARBARYL  
Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\sensitivity no detects.RS7  
Analysis Date 04-09-2002 Residue file dated: 04-08-2002/16:54:03/8  
Reference dose (aRfD) = 0.01 mg/kg bw/day

RDL indices and parameters for Monte Carlo Analysis:

Index	Dist	Parameter #1	Param #2	Param #3	Comment
#	Code				
1	6	Gardenbeet.rdf			
2	6	Carrot.rdf			
3	6	chic hors parsnip salsify.rdf			
4	6	Potato.rdf			
5	6	radishes.rdf			
6	6	Turnip.rdf			
7	6	sweetpotato.rdf			
8	6	topsgardenbeet.rdf			
9	6	topsradish.rdf			
10	6	Topturnip.rdf			
11	6	celery.rdf			
12	6	spinach.rdf			
13	6	cannedspinach.rdf			
14	6	lettucehd.rdf			
15	6	lettuceleaf.rdf			
16	6	rhubarb.rdf			
17	6	broccoli.rdf			
18	6	brusselssprouts.rdf			
19	6	cabbage.rdf			
20	6	cauliflower.rdf			
21	6	collards.rdf			
22	6	mustards.rdf			
23	6	kohrabi.rdf			
24	6	beanssucculentfresh.rdf			
25	6	beanssucculentprocessed.rdf			
26	6	beanslima.rdf			
27	6	Peasfresh.rdf			
28	6	Peasprocessed.rdf			
29	6	allegplant.rdf			
30	6	peppersnonbell.rdf			
31	6	allsweetpepper.rdf			
32	6	tomatoesPB.rdf			
33	6	tomatoesNB.rdf			
34	6	allcucumber.rdf			
35	6	melon.rdf			
36	6	cantaloupe.rdf			
37	6	honeydew.rdf			
38	6	allwatermelon.rdf			
39	6	pumpkin.rdf			
40	6	wintersquash.rdf			
41	6	allsummersquash.rdf			
42	6	citrus.rdf			
43	6	grapefruitjuice.rdf			
44	6	lemonjuice.rdf			
45	6	orangesdecomp.rdf			
46	6	limejuice.rdf			
47	6	orangejuice.rdf			
48	6	appledecomp.rdf			
49	6	apple.rdf			
50	6	applejuice.rdf			
51	6	peardecomp.rdf			
52	6	pear.rdf			
53	6	quince.rdf			
54	6	crabapple.rdf			
55	6	apricot.rdf			
56	6	Apricotss.rdf			
57	6	allsweetcherries.rdf			
58	6	alltartcherries.rdf			
59	6	nectarine.rdf			
60	6	peachSS.rdf			
61	6	Peach.rdf			
62	6	plum2.rdf			
63	6	blackberries.rdf			
64	6	allblueberry.rdf			

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

```

65   6 boysenberry.rdf
66   6 currant.rdf
67   6 allraspberries.rdf
68   6 almonds.rdf
69   6 chestnut.rdf
70   6 filbert.rdf
71   6 pecan.rdf
72   6 walnut.rdf
73   6 corn.rdf
74   6 allasparagus.rdf
75   6 banana.rdf
76   6 allcranberry.rdf
77   6 grapes.rdf
78   6 grapejuice.rdf
79   6 okra.rdf
80   6 olives.rdf
81   6 pineappledecomp.rdf
82   6 pineapplemexico.rdf
83   6 pistachio.rdf
84   6 strawberrypdः.rdf
85   6 sunflower.rdf
86   6 milk2.rdf
87   6 ruminantliver2.rdf
88   6 ruminantkidney2.rdf
89   6 swinemeat2.rdf
90   6 swinefat2.rdf
91   6 swineliver2.rdf
92   6 swinekidney2.rdf
93   6 poultry.rdf
94   6 eggs.rdf
95   6 pineappleother.rdf
96   6 Plumdecomp.rdf
97   6 pineappledomestic.rdf
98   6 appledried.rdf
99   6 soybean.rdf
100  6 wheat.rdf

```

Food Code	Crop Grp	Food Name	Def (ppm)	Res	Adj. Factors -----RDL Indices and Ratios-----						
					#1	#2	I#1	Ratio#1	I#2	Ratio#2	I#3
1	13A	Blackberries			1.000000	1.000	1.000	63	1.0000		
2	13A	Boysenberries			1.000000	1.000	1.000	65	1.0000		
3	13A	Dewberries			1.000000	1.000	1.000	65	1.0000		
4	13A	Loganberries			1.000000	1.000	1.000	65	1.0000		
5	13A	Raspberries			1.000000	1.000	1.000	67	1.0000		
6	13A	Youngberries			1.000000	1.000	1.000	65	1.0000		
7	13B	Blueberries			1.000000	1.000	1.000	64	1.0000		
8	O	Cranberries			1.000000	1.000	1.000	76	1.0000		
9	O	Cranberries-juice			1.000000	1.100	1.000	76	1.0000		
10	13B	Currants			1.000000	1.000	1.000	66	1.0000		
11	13B	Elderberries			1.000000	1.000	1.000	66	1.0000		
12	13B	Gooseberries			1.000000	1.000	1.000	66	1.0000		
13	O	Grapes			1.000000	1.000	1.000	77	1.0000		
14	O	Grapes-raisins			11-Uncooked						
					1.000000	2.170	1.000	77	1.0000		
					12-Cooked: NFS						
					1.000000	1.370	1.000	77	1.0000		
					13-Baked						
					1.000000	1.370	1.000	77	1.0000		
					14-Boiled						
					1.000000	1.370	1.000	77	1.0000		
					18-Dried						
					1.000000	1.370	1.000	77	1.0000		
					42-Frozen: Cooked						

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

		1.000000	1.370	1.000	77	1.0000	
15	O	Grapes-juice	1.000000	1.000	1.000	78	1.0000
16	13B	Huckleberries	1.000000	1.000	1.000	66	1.0000
17	O	Strawberries	1.000000	1.000	1.000	84	1.0000
20	10	Citrus citron	1.000000	1.000	1.000	42	1.0000
22	10	Grapefruit-peeled fruit	11-Uncooked 1.000000 12-Cooked: NFS 1.000000 14-Boiled 0.000000 31-Canned: NFS 1.000000	1.000	1.000	45	1.0000
23	10	Grapefruit-juice	1.000000	1.170	1.000	43	1.0000
24	10	Kumquats	1.000000	1.000	1.000	42	1.0000
26	10	Lemons-peeled fruit	11-Uncooked 1.000000 12-Cooked: NFS 1.000000 31-Canned: NFS 1.000000	1.000	1.000	45	1.0000
27	10	Lemons-peel	1.000000	1.190	1.000	42	1.0000
28	10	Lemons-juice	1.000000	1.110	1.000	44	1.0000
30	10	Limes-peeled fruit	1.000000	1.000	1.000	45	1.0000
31	10	Limes-peel	1.000000	1.270	1.000	42	1.0000
32	10	Limes-juice	1.000000	1.110	1.000	46	1.0000
33	10	Oranges-juice-concentrate	1.000000	3.700	1.000	47	1.0000
34	10	Oranges-peeled fruit	11-Uncooked 1.000000 12-Cooked: NFS 1.000000 31-Canned: NFS 1.000000	1.000	1.000	45	1.0000
35	10	Oranges-peel	1.000000	1.270	1.000	42	1.0000
36	10	Oranges-juice	1.000000	1.000	1.000	47	1.0000
37	10	Tangelos	1.000000	1.000	1.000	45	1.0000
38	10	Tangerines	11-Uncooked 1.000000 31-Canned: NFS 1.000000 41-Frozen: NFS 1.000000	1.000	1.000	45	1.0000
39	10	Tangerines-juice	1.000000	1.280	1.000	46	1.0000
40	14	Almonds	1.000000	1.000	1.000	68	1.0000
43	14	Chestnuts	1.000000	1.000	1.000	69	1.0000
44	14	Filberts (hazelnuts)	1.000000	1.000	1.000	70	1.0000
48	14	Walnuts	1.000000	1.000	1.000	72	1.0000
50	O	Pistachio nuts	1.000000	1.000	1.000	83	1.0000
52	11	Apples	11-Uncooked 1.000000 12-Cooked: NFS 1.000000	1.000	1.000	48	1.0000

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

		13-Baked				
		1.000000	1.000	1.000	48	1.0000
		14-Boiled				
		1.000000	1.000	1.000	48	1.0000
		15-Fried				
		1.000000	1.000	1.000	48	1.0000
		18-Dried				
		0.009000	1.000	1.000	98	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	49	1.0000
		32-Canned: Cooked				
		1.000000	1.000	1.000	49	1.0000
		33-Canned: Baked				
		1.000000	1.000	1.000	49	1.0000
		34-Canned: Boiled				
		1.000000	1.000	1.000	49	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	49	1.0000
53	11	Apples-dried				
		1.000000	2.600	1.000	49	1.0000
54	11	Apples-juice/cider				
		1.000000	1.000	1.000	50	1.0000
55	11	Crabapples				
		1.000000	1.000	1.000	54	1.0000
56	11	Pears				
		11-Uncooked				
		1.000000	1.000	1.000	51	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	51	1.0000
		13-Baked				
		1.000000	1.000	1.000	51	1.0000
		14-Boiled				
		1.000000	1.000	1.000	51	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	52	1.0000
57	11	Pears-dried				
		1.000000	2.600	1.000	52	1.0000
58	11	Quinces				
		1.000000	1.000	1.000	53	1.0000
59	12	Apricots				
		11-Uncooked				
		1.000000	1.000	1.000	56	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	56	1.0000
		14-Boiled				
		1.000000	1.000	1.000	56	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	55	1.0000
		34-Canned: Boiled				
		1.000000	1.000	1.000	55	1.0000
60	12	Apricots-dried				
		1.000000	6.000	1.000	55	1.0000
61	12	Cherries				
		11-Uncooked				
		1.000000	1.000	1.000	57	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	58	1.0000
		13-Baked				
		1.000000	1.000	1.000	58	1.0000
		14-Boiled				
		1.000000	1.000	1.000	58	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	58	1.0000
		33-Canned: Baked				
		1.000000	1.000	1.000	58	1.0000
		41-Frozen: NFS				
		1.000000	1.000	1.000	58	1.0000
62	12	Cherries-dried				
		1.000000	4.000	1.000	57	1.0000
63	12	Cherries-juice				
		1.000000	1.500	1.000	58	1.0000
64	12	Nectarines				
		1.000000	1.000	1.000	59	1.0000
65	12	Peaches				
		11-Uncooked				
		1.000000	1.000	1.000	60	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	60	1.0000

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

		13-Baked					
		1.000000	1.000	1.000	60	1.0000	
		14-Boiled					
		1.000000	1.000	1.000	60	1.0000	
		31-Canned: NFS					
		1.000000	1.000	1.000	61	1.0000	
		41-Frozen: NFS					
		1.000000	1.000	1.000	61	1.0000	
66	12	Peaches-dried					
		1.000000	7.000	1.000	61	1.0000	
67	12	Plums (damsons)					
		11-Uncooked					
		1.000000	1.000	1.000	96	1.0000	
		12-Cooked: NFS					
		1.000000	1.000	1.000	96	1.0000	
		31-Canned: NFS					
		1.000000	1.000	1.000	62	1.0000	
		42-Frozen: Cooked					
		1.000000	1.000	1.000	62	1.0000	
		51-Cured: NFS (smoked/p					
		1.000000	1.000	1.000	62	1.0000	
68	12	Plums-prunes (dried)					
		1.000000	0.150	1.000	62	1.0000	
69	12	Plums/prune-juice					
		1.000000	1.400	1.000	62	1.0000	
81	11	Loquats					
		1.000000	1.000	1.000	53	1.0000	
82	O	Olives					
		1.000000	1.000	1.000	80	1.0000	
89	O	Pineapples-peeled fruit					
		11-Uncooked					
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		12-Cooked: NFS					97 0.5000
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		13-Baked					97 0.5000
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		14-Boiled					97 0.5000
		1.000000	0.540	1.000	81	0.0250	95 0.4750
		31-Canned: NFS					97 0.5000
		1.000000	0.540	1.000	82	0.0250	95 0.4750
		33-Canned: Baked					97 0.5000
		1.000000	0.540	1.000	82	0.0250	95 0.4750
		41-Frozen: NFS					97 0.5000
		1.000000	0.540	1.000	82	0.0250	95 0.4750
90	O	Pineapples-dried					
		1.000000	5.000	1.000	82	0.0250	95 0.4750
91	O	Pineapples-juice					
		1.000000	0.540	1.000	82	0.0250	97 0.5000
123	19A	Dill					
		0.004000	1.000	1.000			
139	8	Paprika					
		1.000000	1.000	1.000	30	1.0000	
141	9A	Melons-cantaloupes-juice					
		1.000000	1.000	1.000	36	1.0000	
142	9A	Melons-cantaloupes-pulp					
		1.000000	1.000	1.000	36	1.0000	
143	9A	Casabas					
		1.000000	1.000	1.000	35	1.0000	
144	9A	Crenshaws					
		1.000000	1.000	1.000	35	1.0000	
145	9A	Melons-honeydew					
		1.000000	1.000	1.000	37	1.0000	
146	9A	Melons-persian					
		1.000000	1.000	1.000	35	1.0000	
147	9A	Watermelon					
		1.000000	1.000	1.000	38	1.0000	
148	9B	Cucumbers					
		1.000000	1.000	1.000	34	1.0000	
149	9B	Pumpkin					
		1.000000	1.000	1.000	39	1.0000	
150	9B	Squash-summer					
		1.000000	1.000	1.000	41	1.0000	
151	9B	Squash-winter					
		1.000000	1.000	1.000	40	1.0000	
152	9B	Bitter melon					
		1.000000	1.000	1.000	35	1.0000	
154	8	Eggplant					
		1.000000	1.000	1.000	29	1.0000	

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

155 8	Peppers-sweet(garden)					
	1.000000	1.000	1.000	31	1.0000	
156 8	Peppers-chilli incl jalapeno					
	1.000000	1.000	1.000	30	1.0000	
157 8	Peppers-other					
	1.000000	1.000	1.000	30	1.0000	
158 8	Pimientos					
	1.000000	1.000	1.000	30	1.0000	
159 8	Tomatoes-whole					
	11-Uncooked					
	1.000000	1.000	1.000	33	1.0000	
	12-Cooked: NFS					
	1.000000	1.000	1.000	33	1.0000	
	13-Baked					
	1.000000	1.000	1.000	33	1.0000	
	14-Boiled					
	1.000000	1.000	1.000	33	1.0000	
	15-Fried					
	1.000000	1.000	1.000	33	1.0000	
	31-Canned: NFS					
	1.000000	1.000	1.000	32	1.0000	
	32-Canned: Cooked					
	1.000000	1.000	1.000	32	1.0000	
	33-Canned: Baked					
	1.000000	1.000	1.000	32	1.0000	
	34-Canned: Boiled					
	1.000000	1.000	1.000	32	1.0000	
	42-Frozen: Cooked					
	1.000000	1.000	1.000	32	1.0000	
160 8	Tomatoes-juice					
	1.000000	0.540	1.000	32	1.0000	
161 8	Tomatoes-puree					
	1.000000	0.650	1.000	32	1.0000	
162 8	Tomatoes-paste					
	1.000000	0.650	1.000	32	1.0000	
163 8	Tomatoes-catsup					
	1.000000	0.650	1.000	32	1.0000	
165 2	Beets-garden-tops(greens)					
	1.000000	1.000	1.000	8	1.0000	
168 5A	Broccoli					
	1.000000	1.000	1.000	17	1.0000	
171 5A	Cauliflower					
	1.000000	1.000	1.000	20	1.0000	
172 5B	Collards					
	1.000000	1.000	1.000	21	1.0000	
174 5B	Kale					
	1.000000	1.000	1.000	22	1.0000	
177 4A	Dandelion-greens					
	1.000000	1.000	1.000	12	1.0000	
178 4A	Endive-curley and escarole					
	1.000000	1.000	1.000	15	1.0000	
183 5B	Mustard greens					
	1.000000	1.000	1.000	22	1.0000	
184 4A	Parsley					
	1.000000	1.000	1.000	12	1.0000	
186 4A	Spinach					
	11-Uncooked					
	1.000000	1.000	1.000	12	1.0000	
	12-Cooked: NFS					
	1.000000	1.000	1.000	12	1.0000	
	13-Baked					
	0.000000	1.000	1.000			
	14-Boiled					
	1.000000	1.000	1.000	12	1.0000	
	31-Canned: NFS					
	0.000000	1.000	1.000			
	32-Canned: Cooked					
	0.000000	1.000	1.000			
	34-Canned: Boiled					
	0.000000	1.000	1.000			
	42-Frozen: Cooked					
	1.000000	1.000	1.000	12	1.0000	
	44-Frozen: Boiled					
	1.000000	1.000	1.000	12	1.0000	
188 2	Turnips-tops					
	1.000000	1.000	1.000	10	1.0000	
195 0	Grapes-leaves					
	1.000000	1.000	1.000	77	1.0000	

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

197	1AB	Beets-garden-roots					
			1.000000	1.000	1.000	1	1.0000
212	1AB	Radishes-roots					
			1.000000	1.000	1.000	5	1.0000
213	2	Radishes-tops					
			1.000000	1.000	1.000	9	1.0000
214	1AB	Rutabagas-roots					
			1.000000	1.000	1.000	6	1.0000
215	2	Rutabagas-tops					
			1.000000	1.000	1.000	10	1.0000
218	1CD	Sweet potatoes (incl yams)					
			1.000000	1.000	1.000	7	1.0000
219	1AB	Turnips-roots					
			1.000000	1.000	1.000	6	1.0000
227	6C	Beans-dry-great northern					
			0.002000	1.000	1.000		
228	6C	Beans-dry-kidney					
			0.002000	1.000	1.000		
229	6C	Beans-dry-lima					
			0.002000	1.000	1.000		
230	6C	Beans-dry-navy (pea)					
			0.002000	1.000	1.000		
231	6C	Beans-dry-other					
			0.002000	1.000	1.000		
232	6C	Beans-dry-pinto					
			0.002000	1.000	1.000		
233	6B	Beans-succulent-lima					
			1.000000	1.000	1.000	26	1.0000
234	6A	Beans-succulent-green					
		11-Uncooked					
			1.000000	1.000	1.000	24	1.0000
		12-Cooked: NFS					
			1.000000	1.000	1.000	24	1.0000
		14-Boiled					
			1.000000	1.000	1.000	24	1.0000
		31-Canned: NFS					
			1.000000	1.000	1.000	25	1.0000
		32-Canned: Cooked					
			1.000000	1.000	1.000	25	1.0000
		34-Canned: Boiled					
			1.000000	1.000	1.000	25	1.0000
		42-Frozen: Cooked					
			1.000000	1.000	1.000	25	1.0000
		44-Frozen: Boiled					
			1.000000	1.000	1.000	25	1.0000
		51-Cured: NFS (smoked/p					
			1.000000	1.000	1.000	25	1.0000
235	6A	Beans-succulent-other					
			1.000000	1.000	1.000	25	1.0000
236	6A	Beans-succulent-yellow/wax					
		14-Boiled					
			1.000000	1.000	1.000	24	1.0000
		32-Canned: Cooked					
			1.000000	1.000	1.000	25	1.0000
		42-Frozen: Cooked					
			1.000000	1.000	1.000	25	1.0000
240	6C	Peas (garden)-dry					
			0.013000	0.045	1.000		
241	6AB	Peas (garden)-green					
		11-Uncooked					
			1.000000	1.000	1.000	27	1.0000
		12-Cooked: NFS					
			1.000000	0.150	1.000	27	1.0000
		13-Baked					
			1.000000	0.150	1.000	27	1.0000
		14-Boiled					
			1.000000	0.150	1.000	27	1.0000
		15-Fried					
			1.000000	0.150	1.000	27	1.0000
		31-Canned: NFS					
			1.000000	1.000	1.000	28	1.0000
		32-Canned: Cooked					
			1.000000	0.150	1.000	28	1.0000
		34-Canned: Boiled					
			1.000000	0.150	1.000	28	1.0000
		42-Frozen: Cooked					
			1.000000	0.150	1.000	28	1.0000
		44-Frozen: Boiled					

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

		1.000000	0.150	1.000	28	1.0000
		45-Frozen: Fried				
		1.000000	0.150	1.000	28	1.0000
243	6C	Lentils				
		0.002000	1.000	1.000		
244	6C	Mung beans (sprouts)				
		0.002000	1.000	1.000		
245	O	Okra				
		12-Cooked: NFS				
		1.000000	0.180	1.000	79	1.0000
		14-Boiled				
		1.000000	0.050	1.000	79	1.0000
		15-Fried				
		1.000000	0.180	1.000	79	1.0000
		32-Canned: Cooked				
		1.000000	0.180	1.000	79	1.0000
		42-Frozen: Cooked				
		1.000000	0.180	1.000	79	1.0000
		44-Frozen: Boiled				
		1.000000	0.050	1.000	79	1.0000
249	6C	Beans-dry-broadbeans				
		0.002000	1.000	1.000		
250	6B	Beans-succulent-broadbeans				
		1.000000	1.000	1.000	24	1.0000
251	6C	Beans-dry-pigeon beans				
		0.002000	1.000	1.000		
253	6	Beans-unspecified				
		1.000000	1.000	1.000	24	1.0000
256	O	Beans-dry-hyacinth				
		0.002000	1.000	1.000		
257	O	Beans-succulent-hyacinth				
		1.000000	1.000	1.000	24	1.0000
258	6C	Beans-dry-blackeye peas/cowpea				
		0.002000	1.000	1.000		
259	6C	Beans-dry-garbanzo/chick pea				
		0.002000	1.000	1.000		
260	O	Asparagus				
		1.000000	1.000	1.000	74	1.0000
270	15	Rice-rough (brown)				
		0.074000	1.000	1.000		
271	15	Rice-milled (white)				
		0.074000	0.030	1.000		
275	15	Sorghum (including milo)				
		0.000015	1.000	1.000	100	1.0000
276	15	Wheat-rough				
		0.000015	1.000	1.000	100	1.0000
277	15	Wheat-germ				
		0.000015	1.000	1.000		
278	15	Wheat-bran				
		0.000015	1.000	1.000		
279	15	Wheat-flour				
		0.000015	1.000	1.000		
280	15	Millet				
		0.000015	1.000	1.000	100	1.0000
287	6C	Guar beans				
		1.000000	1.000	1.000	24	1.0000
298	O	Sunflower-oil				
		0.000400	0.670	1.000		
300	O	Olive oil				
		0.077000	0.810	1.000		
315	O	Grapes-wine and sherry				
		1.000000	1.000	1.000	77	1.0000
321	M	Beef-meat byproducts				
		3.675000	1.000	1.000	88	1.0000
322	M	Beef-other organ meats				
		3.675000	1.000	1.000	88	1.0000
325	M	Beef-kidney				
		3.675000	1.000	1.000	88	1.0000
326	M	Beef-liver				
		1.390000	1.000	1.000	87	1.0000
328	M	Goat-meat byproducts				
		3.675000	1.000	1.000	88	1.0000
329	M	Goat-other organ meats				
		3.675000	1.000	1.000	88	1.0000
331	M	Goat-kidney				
		3.675000	1.000	1.000	88	1.0000
332	M	Goat-liver				
		1.390000	1.000	1.000	87	1.0000

## Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects

336 M	Sheep-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		
337 M	Sheep-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
339 M	Sheep-kidney						
	3.675000	1.000	1.000	88	1.0000		
340 M	Sheep-liver						
	1.390000	1.000	1.000	87	1.0000		
342 M	Pork-meat byproducts						
	0.260000	1.000	1.000	92	1.0000		
343 M	Pork-other organ meats						
	0.260000	1.000	1.000	92	1.0000		
345 M	Pork-kidney						
	0.260000	1.000	1.000	92	1.0000		
346 M	Pork-liver						
	0.100000	1.000	1.000	91	1.0000		
349 F	Fish-shellfish						
	0.250000	1.000	1.000				
377 11	Apples-juice-concentrate						
	1.000000	3.000	1.000	50	1.0000		
380 13A	Blackberries-juice						
	1.000000	1.000	1.000	63	1.0000		
389 O	Cranberries-juice-concentrate						
	1.000000	3.300	1.000	76	1.0000		
392 O	Grapes-juice-concentrate						
	1.000000	3.000	1.000	78	1.0000		
402 12	Peaches-juice						
	1.000000	1.000	1.000	61	1.0000		
404 11	Pears-juice						
	1.000000	0.370	1.000	52	1.0000		
405 6B	Peas-succulent/blackeye/cowpea						
	12-Cooked: NFS						
	1.000000	0.150	1.000	27	1.0000		
	14-Boiled						
	1.000000	0.150	1.000	27	1.0000		
	32-Canned: Cooked						
	1.000000	0.150	1.000	28	1.0000		
	42-Frozen: Cooked						
	1.000000	0.150	1.000	28	1.0000		
406 O	Pineapples-juice-concentrate						
	1.000000	2.000	1.000	82	0.0250	95	0.4750
407 1AB	Radishes-japanese (daiken)						
	1.000000	1.000	1.000	5	1.0000		
408 15	Rice-bran						
	0.074000	0.400	1.000				
410 12	Apricot juice						
	1.000000	1.000	1.000	55	1.0000		
413 6A	Snowpeas						
	11-Uncooked						
	1.000000	1.000	1.000	27	1.0000		
	12-Cooked: NFS						
	1.000000	1.000	1.000	27	1.0000		
	14-Boiled						
	1.000000	1.000	1.000	27	1.0000		
	15-Fried						
	1.000000	1.000	1.000	27	1.0000		
	42-Frozen: Cooked						
	1.000000	1.000	1.000	28	1.0000		
415 9B	Squash-spaghetti						
	1.000000	1.000	1.000	40	1.0000		
416 O	Strawberries-juice						
	1.000000	1.000	1.000	84	1.0000		
417 O	Sunflower-seeds						
	1.000000	1.000	1.000	85	1.0000		
420 10	Tangerines-juice-concentrate						
	1.000000	4.080	1.000	46	1.0000		
423 8	Tomatoes-dried						
	1.000000	0.520	1.000	32	1.0000		
426 M	Veal-kidney						
	3.675000	1.000	1.000	88	1.0000		
427 M	Veal-liver						
	1.390000	1.000	1.000	87	1.0000		
428 M	Veal-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
430 M	Veal-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		
431 14	Walnut oil						
	0.005400	1.000	1.000				

## **Attachment 5      Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects**

436 9A	Watermelon-juice	1.000000	1.000	1.000	38	1.0000
437 15	Wheat-germ oil	0.000015	1.000	1.000		
439 9B	Wintermelon	1.000000	1.000	1.000	35	1.0000
441 10	Grapefruit-juice-concentrate	1.000000	4.580	1.000	43	1.0000
442 10	Lemons-juice-concentrate	1.000000	6.330	1.000	44	1.0000
443 10	Limes-juice-concentrate	1.000000	3.330	1.000	46	1.0000
448 10	Grapefruit peel	1.000000	1.000	1.000	42	1.0000

## **Attachment 5 Acute Dietary Exposure Analysis: Excluding All Commodities with No Detects**

## Results

U.S. Environmental Protection Agency Ver. 7.76  
DEEM ACUTE Analysis for CARBARYL (1989-92 data)  
Residue file: sensitivity no detects.RS7 Adjustment factor #2 NOT used.  
Analysis Date: 04-08-2002/17:16:12 Residue file dated: 04-08-2002/16:54:03/8  
Daily totals for food and foodform consumption used.  
MC iterations = 1000 MC list in residue file MC seed = 10  
Run Comment: ""  
=====  
Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:						
All infants:	0.000230	2.30	0.001012	10.12	0.005870	58.70
Nursing infants (<1 yr old):	0.000440	4.40	0.002610	26.10	0.012965	129.65
Non-nursing infants (<1 yr old):	0.000097	0.97	0.001223	12.23	0.008363	83.63
Children 1-6 yrs:	0.000574	5.74	0.003120	31.20	0.013802	138.02
Children 7-12 yrs:	0.000473	4.73	0.001967	19.67	0.010765	107.65
Females 13+ (preg/not nursing):	0.000279	2.79	0.001400	14.00	0.008555	85.55
Females 13+ (nursing):	0.000191	1.91	0.000882	8.82	0.005836	58.36
Females 13-19 (not preg or nursing):	0.000247	2.47	0.001371	13.71	0.007050	70.50
Females 20+ (not preg or nursing):	0.000107	1.07	0.000660	6.60	0.004499	44.99
Females 13-50 yrs:	0.000197	1.97	0.000943	9.43	0.004810	48.10
Males 13-19 yrs:	0.000184	1.84	0.000877	8.77	0.004434	44.34
Males 20+ yrs:	0.000138	1.38	0.000721	7.21	0.003802	38.02
Seniors 55+:	0.000214	2.14	0.000863	8.63	0.004178	41.78
	0.000207	2.07	0.001008	10.08	0.005703	57.03

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

### Residue File

U.S. Environmental Protection Agency  
DEEM Acute analysis for CARBARYL  
Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10carbarylfinal9 no peaches.RS7  
Analysis Date 04-15-2002                  Residue file dated: 04-03-2002/14:28:13/8  
Reference dose (aRfD) = 0.01 mg/kg bw/day

RDL indices and parameters for Monte Carlo Analysis:

Index	Dist	Parameter #1	Param #2	Param #3	Comment
#	Code				
1	6	Gardenbeet.rdf			
2	6	Carrot.rdf			
3	6	chic hors parsnip salsify.rdf			
4	6	Potato.rdf			
5	6	radishes.rdf			
6	6	Turnip.rdf			
7	6	sweetpotato.rdf			
8	6	topsgardenbeet.rdf			
9	6	topsradish.rdf			
10	6	Topturnip.rdf			
11	6	celery.rdf			
12	6	spinach.rdf			
13	6	cannedspinach.rdf			
14	6	lettucehd.rdf			
15	6	lettuceleaf.rdf			
16	6	rhubarb.rdf			
17	6	broccoli.rdf			
18	6	brusselssprouts.rdf			
19	6	cabbage.rdf			
20	6	cauliflower.rdf			
21	6	collards.rdf			
22	6	mustards.rdf			
23	6	kohrabi.rdf			
24	6	beanssucculentfresh.rdf			
25	6	beanssucculentprocessed.rdf			
26	6	beanslima.rdf			
27	6	Peasfresh.rdf			
28	6	Peasprocessed.rdf			
29	6	alleggplant.rdf			
30	6	peppersnonbell.rdf			
31	6	allsweetpepper.rdf			
32	6	tomatoesPB.rdf			
33	6	tomatoesNB.rdf			
34	6	allcucumber.rdf			
35	6	melon.rdf			
36	6	cantaloupe.rdf			
37	6	honeydew.rdf			
38	6	allwatermelon.rdf			
39	6	pumpkin.rdf			
40	6	wintersquash.rdf			
41	6	allsummersquash.rdf			
42	6	citrus.rdf			
43	6	grapefruitjuice.rdf			
44	6	lemonjuice.rdf			
45	6	orangesdecomp.rdf			
46	6	limejuice.rdf			
47	6	orangejuice.rdf			
48	6	appledecomp.rdf			
49	6	apple.rdf			
50	6	applejuice.rdf			
51	6	peardecomp.rdf			
52	6	pear.rdf			
53	6	quince.rdf			
54	6	crabapple.rdf			
55	6	apricot.rdf			
56	6	Apricotss.rdf			
57	6	allsweetcherries.rdf			
58	6	alltartcherries.rdf			
59	6	nectarine.rdf			
60	6	peachSS.rdf			
61	6	Peach.rdf			
62	6	plum2.rdf			
63	6	blackberries.rdf			
64	6	allblueberry.rdf			
65	6	boysenberry.rdf			

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

```

66   6 currant.rdf
67   6 allraspberries.rdf
68   6 almonds.rdf
69   6 chestnut.rdf
70   6 filbert.rdf
71   6 pecan.rdf
72   6 walnut.rdf
73   6 corn.rdf
74   6 allasparagus.rdf
75   6 banana.rdf
76   6 allcranberry.rdf
77   6 grapes.rdf
78   6 grapejuice.rdf
79   6 okra.rdf
80   6 olives.rdf
81   6 pineappledecomp.rdf
82   6 pineapplemexico.rdf
83   6 pistachio.rdf
84   6 strawberryrdf
85   6 sunflower.rdf
86   6 milk2.rdf
87   6 ruminantliver2.rdf
88   6 ruminantkidney2.rdf
89   6 swinemeat2.rdf
90   6 swinefat2.rdf
91   6 swineliver2.rdf
92   6 swinekidney2.rdf
93   6 poultry.rdf
94   6 eggs.rdf
95   6 pineapplelether.rdf
96   6 Plumdecomp.rdf
97   6 pineappledomestic.rdf
98   6 appledried.rdf
99   6 soybean.rdf
100  6 wheat.rdf

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Food Code	Crop Grp	Food Name	Def (ppm)	Res	-----RDL Indices and Ratios-----						
					#1	#2	I#1	Ratio#1	I#2	Ratio#2	I#3
1	13A	Blackberries			1.000000	1.000	1.000	63	1.0000		
2	13A	Boysenberries			1.000000	1.000	1.000	65	1.0000		
3	13A	Dewberries			1.000000	1.000	1.000	65	1.0000		
4	13A	Loganberries			1.000000	1.000	1.000	65	1.0000		
5	13A	Raspberries			1.000000	1.000	1.000	67	1.0000		
6	13A	Youngberries			1.000000	1.000	1.000	65	1.0000		
7	13B	Blueberries			1.000000	1.000	1.000	64	1.0000		
8	0	Cranberries			1.000000	1.000	1.000	76	1.0000		
9	0	Cranberries-juice			1.000000	1.100	1.000	76	1.0000		
10	13B	Currants			1.000000	1.000	1.000	66	1.0000		
11	13B	Elderberries			1.000000	1.000	1.000	66	1.0000		
12	13B	Gooseberries			1.000000	1.000	1.000	66	1.0000		
13	0	Grapes			1.000000	1.000	1.000	77	1.0000		
14	0	Grapes-raisins			11-Uncooked						
					1.000000	2.170	1.000	77	1.0000		
					12-Cooked: NFS						
					1.000000	1.370	1.000	77	1.0000		
					13-Baked						
					1.000000	1.370	1.000	77	1.0000		
					14-Boiled						
					1.000000	1.370	1.000	77	1.0000		
					18-Dried						
					1.000000	1.370	1.000	77	1.0000		
					42-Frozen: Cooked						
					1.000000	1.370	1.000	77	1.0000		

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

15 O	Grapes-juice					
		1.000000	1.000	1.000	78	1.0000
16 13B	Huckleberries					
		1.000000	1.000	1.000	66	1.0000
17 O	Strawberries					
		1.000000	1.000	1.000	84	1.0000
20 10	Citrus citron					
		1.000000	1.000	1.000	42	1.0000
22 10	Grapefruit-peeled fruit					
	11-Uncooked					
		1.000000	1.000	1.000	45	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	45	1.0000
	14-Boiled					
		0.000000	1.000	1.000		
	31-Canned: NFS					
		1.000000	1.000	1.000	42	1.0000
23 10	Grapefruit-juice					
		1.000000	1.170	1.000	43	1.0000
24 10	Kumquats					
		1.000000	1.000	1.000	42	1.0000
26 10	Lemons-peeled fruit					
	11-Uncooked					
		1.000000	1.000	1.000	45	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	45	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	42	1.0000
27 10	Lemons-peel					
		1.000000	1.190	1.000	42	1.0000
28 10	Lemons-juice					
		1.000000	1.110	1.000	44	1.0000
30 10	Limes-peeled fruit					
		1.000000	1.000	1.000	45	1.0000
31 10	Limes-peel					
		1.000000	1.270	1.000	42	1.0000
32 10	Limes-juice					
		1.000000	1.110	1.000	46	1.0000
33 10	Oranges-juice-concentrate					
		1.000000	3.700	1.000	47	1.0000
34 10	Oranges-peeled fruit					
	11-Uncooked					
		1.000000	1.000	1.000	45	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	45	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	42	1.0000
35 10	Oranges-peel					
		1.000000	1.270	1.000	42	1.0000
36 10	Oranges-juice					
		1.000000	1.000	1.000	47	1.0000
37 10	Tangelos					
		1.000000	1.000	1.000	45	1.0000
38 10	Tangerines					
	11-Uncooked					
		1.000000	1.000	1.000	45	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	42	1.0000
	41-Frozen: NFS					
		1.000000	1.000	1.000	42	1.0000
39 10	Tangerines-juice					
		1.000000	1.280	1.000	46	1.0000
40 14	Almonds					
		1.000000	1.000	1.000	68	1.0000
43 14	Chestnuts					
		1.000000	1.000	1.000	69	1.0000
44 14	Filberts (hazelnuts)					
		1.000000	1.000	1.000	70	1.0000
48 14	Walnuts					
		1.000000	1.000	1.000	72	1.0000
50 O	Pistachio nuts					
		1.000000	1.000	1.000	83	1.0000
52 11	Apples					
	11-Uncooked					
		1.000000	1.000	1.000	48	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	48	1.0000
	13-Baked					

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

		1.000000	1.000	1.000	48	1.0000
	14-Boiled					
		1.000000	1.000	1.000	48	1.0000
	15-Fried					
		1.000000	1.000	1.000	48	1.0000
	18-Dried					
		0.009000	1.000	1.000	98	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	49	1.0000
	32-Canned: Cooked					
		1.000000	1.000	1.000	49	1.0000
	33-Canned: Baked					
		1.000000	1.000	1.000	49	1.0000
	34-Canned: Boiled					
		1.000000	1.000	1.000	49	1.0000
	42-Frozen: Cooked					
		1.000000	1.000	1.000	49	1.0000
53 11	Apples-dried					
		1.000000	2.600	1.000	49	1.0000
54 11	Apples-juice/cider					
		1.000000	1.000	1.000	50	1.0000
55 11	Crabapples					
		1.000000	1.000	1.000	54	1.0000
56 11	Pears					
	11-Uncooked					
		1.000000	1.000	1.000	51	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	51	1.0000
	13-Baked					
		1.000000	1.000	1.000	51	1.0000
	14-Boiled					
		1.000000	1.000	1.000	51	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	52	1.0000
57 11	Pears-dried					
		1.000000	2.600	1.000	52	1.0000
58 11	Quinces					
		1.000000	1.000	1.000	53	1.0000
59 12	Apricots					
	11-Uncooked					
		1.000000	1.000	1.000	56	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	56	1.0000
	14-Boiled					
		1.000000	1.000	1.000	56	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	55	1.0000
	34-Canned: Boiled					
		1.000000	1.000	1.000	55	1.0000
60 12	Apricots-dried					
		1.000000	6.000	1.000	55	1.0000
61 12	Cherries					
	11-Uncooked					
		1.000000	1.000	1.000	57	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	58	1.0000
	13-Baked					
		1.000000	1.000	1.000	58	1.0000
	14-Boiled					
		1.000000	1.000	1.000	58	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	58	1.0000
	33-Canned: Baked					
		1.000000	1.000	1.000	58	1.0000
	41-Frozen: NFS					
		1.000000	1.000	1.000	58	1.0000
62 12	Cherries-dried					
		1.000000	4.000	1.000	57	1.0000
63 12	Cherries-juice					
		1.000000	1.500	1.000	58	1.0000
64 12	Nectarines					
		1.000000	1.000	1.000	59	1.0000
67 12	Plums (damsons)					
	11-Uncooked					
		1.000000	1.000	1.000	96	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	96	1.0000
	31-Canned: NFS					

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

		1.000000	1.000	1.000	62	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	62	1.0000
		51-Cured: NFS (smoked/p				
		1.000000	1.000	1.000	62	1.0000
68	12	Plums-prunes (dried)				
		1.000000	0.150	1.000	62	1.0000
69	12	Plums/prune-juice				
		1.000000	1.400	1.000	62	1.0000
72	O	Bananas				
		1.000000	1.000	1.000	75	1.0000
73	O	Bananas-dried				
		1.000000	3.900	1.000	75	1.0000
81	11	Loquats				
		1.000000	1.000	1.000	53	1.0000
82	O	Olives				
		1.000000	1.000	1.000	80	1.0000
89	O	Pineapples-peeled fruit				
		11-Uncooked				
		1.000000	0.540	1.000	81	0.0250
		12-Cooked: NFS				
		1.000000	0.540	1.000	81	0.0250
		13-Baked				
		1.000000	0.540	1.000	81	0.0250
		14-Boiled				
		1.000000	0.540	1.000	81	0.0250
		31-Canned: NFS				
		1.000000	0.540	1.000	82	0.0250
		33-Canned: Baked				
		1.000000	0.540	1.000	82	0.0250
		41-Frozen: NFS				
		1.000000	0.540	1.000	82	0.0250
90	O	Pineapples-dried				
		1.000000	5.000	1.000	82	0.0250
91	O	Pineapples-juice				
		1.000000	0.540	1.000	82	0.0250
94	O	Plantains-ripe				
		1.000000	1.000	1.000	75	1.0000
123	19A	Dill				
		0.004000	1.000	1.000		
126	1AB	Horseradish				
		1.000000	1.000	1.000	3	1.0000
139	8	Paprika				
		1.000000	1.000	1.000	30	1.0000
141	9A	Melons-cantaloupes-juice				
		1.000000	1.000	1.000	36	1.0000
142	9A	Melons-cantaloupes-pulp				
		1.000000	1.000	1.000	36	1.0000
143	9A	Casabas				
		1.000000	1.000	1.000	35	1.0000
144	9A	Crenshaws				
		1.000000	1.000	1.000	35	1.0000
145	9A	Melons-honeydew				
		1.000000	1.000	1.000	37	1.0000
146	9A	Melons-persian				
		1.000000	1.000	1.000	35	1.0000
147	9A	Watermelon				
		1.000000	1.000	1.000	38	1.0000
148	9B	Cucumbers				
		1.000000	1.000	1.000	34	1.0000
149	9B	Pumpkin				
		1.000000	1.000	1.000	39	1.0000
150	9B	Squash-summer				
		1.000000	1.000	1.000	41	1.0000
151	9B	Squash-winter				
		1.000000	1.000	1.000	40	1.0000
152	9B	Bitter melon				
		1.000000	1.000	1.000	35	1.0000
154	8	Eggplant				
		1.000000	1.000	1.000	29	1.0000
155	8	Peppers-sweet(garden)				
		1.000000	1.000	1.000	31	1.0000
156	8	Peppers-chilli incl jalapeno				
		1.000000	1.000	1.000	30	1.0000
157	8	Peppers-other				
		1.000000	1.000	1.000	30	1.0000
158	8	Pimientos				
		1.000000	1.000	1.000	30	1.0000

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

159 8	Tomatoes-whole					
	11-Uncooked					
	1.000000	1.000	1.000	33	1.0000	
	12-Cooked: NFS					
	1.000000	1.000	1.000	33	1.0000	
	13-Baked					
	1.000000	1.000	1.000	33	1.0000	
	14-Boiled					
	1.000000	1.000	1.000	33	1.0000	
	15-Fried					
	1.000000	1.000	1.000	33	1.0000	
	31-Canned: NFS					
	1.000000	1.000	1.000	32	1.0000	
	32-Canned: Cooked					
	1.000000	1.000	1.000	32	1.0000	
	33-Canned: Baked					
	1.000000	1.000	1.000	32	1.0000	
	34-Canned: Boiled					
	1.000000	1.000	1.000	32	1.0000	
	42-Frozen: Cooked					
	1.000000	1.000	1.000	32	1.0000	
160 8	Tomatoes-juice					
	1.000000	0.540	1.000	32	1.0000	
161 8	Tomatoes-puree					
	1.000000	0.650	1.000	32	1.0000	
162 8	Tomatoes-paste					
	1.000000	0.650	1.000	32	1.0000	
163 8	Tomatoes-catsup					
	1.000000	0.650	1.000	32	1.0000	
165 2	Beets-garden-tops(greens)					
	1.000000	1.000	1.000	8	1.0000	
166 4B	Celery					
	1.000000	1.000	1.000	11	1.0000	
168 5A	Broccoli					
	1.000000	1.000	1.000	17	1.0000	
169 5A	Brussels sprouts					
	1.000000	1.000	1.000	18	1.0000	
170 5A	Cabbage-green and red					
	11-Uncooked					
	1.000000	0.250	1.000	19	1.0000	
	12-Cooked: NFS					
	1.000000	0.025	1.000	19	1.0000	
	13-Baked					
	1.000000	0.025	1.000	19	1.0000	
	14-Boiled					
	1.000000	0.025	1.000	19	1.0000	
	15-Fried					
	1.000000	0.025	1.000	19	1.0000	
	31-Canned: NFS					
	1.000000	0.250	1.000	19	1.0000	
	32-Canned: Cooked					
	1.000000	0.025	1.000	19	1.0000	
	51-Cured: NFS (smoked/p					
	1.000000	0.025	1.000	19	1.0000	
171 5A	Cauliflower					
	1.000000	1.000	1.000	20	1.0000	
172 5B	Collards					
	1.000000	1.000	1.000	21	1.0000	
174 5B	Kale					
	1.000000	1.000	1.000	22	1.0000	
175 5A	Kohlrabi					
	1.000000	1.000	1.000	23	1.0000	
176 4A	Lettuce-leafy varieties					
	1.000000	1.000	1.000	15	1.0000	
177 4A	Dandelion-greens					
	1.000000	1.000	1.000	12	1.0000	
178 4A	Endive-curley and escarole					
	1.000000	1.000	1.000	15	1.0000	
182 4A	Lettuce-unspecified					
	1.000000	1.000	1.000	14	1.0000	
183 5B	Mustard greens					
	1.000000	1.000	1.000	22	1.0000	
184 4A	Parsley					
	1.000000	1.000	1.000	12	1.0000	
185 4B	Rhubarb					
	1.000000	1.000	1.000	16	1.0000	
186 4A	Spinach					
	11-Uncooked					

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

		1.000000	1.000	1.000	12	1.0000
	12-Cooked: NFS					
		1.000000	1.000	1.000	12	1.0000
	13-Baked					
		0.000000	1.000	1.000		
	14-Boiled					
		1.000000	1.000	1.000	12	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	13	1.0000
	32-Canned: Cooked					
		1.000000	1.000	1.000	13	1.0000
	34-Canned: Boiled					
		1.000000	1.000	1.000	13	1.0000
	42-Frozen: Cooked					
		1.000000	1.000	1.000	12	1.0000
	44-Frozen: Boiled					
		1.000000	1.000	1.000	12	1.0000
187 4B	Swiss chard					
		1.000000	1.000	1.000	16	1.0000
188 2	Turnips-tops					
		1.000000	1.000	1.000	10	1.0000
192 4A	Lettuce-head varieties					
		1.000000	1.000	1.000	14	1.0000
195 O	Grapes-leaves					
		1.000000	1.000	1.000	77	1.0000
197 1AB	Beets-garden-roots					
		1.000000	1.000	1.000	1	1.0000
198 1AB	Carrots					
		1.000000	1.000	1.000	2	1.0000
207 1C	Potatoes/white-whole					
	11-Uncooked					
		1.000000	1.000	1.000	4	1.0000
	12-Cooked: NFS					
		1.000000	0.040	1.000	4	1.0000
	13-Baked					
		1.000000	1.200	1.000	4	1.0000
	14-Boiled					
		1.000000	2.500	1.000	4	1.0000
	15-Fried					
		1.000000	0.040	1.000	4	1.0000
	31-Canned: NFS					
		1.000000	1.000	1.000	4	1.0000
208 1C	Potatoes/white-unspecified					
		1.000000	1.000	1.000	4	1.0000
209 1C	Potatoes/white-peeled					
	11-Uncooked					
		0.000000	1.000	1.000		
	12-Cooked: NFS					
		1.000000	1.000	1.000	4	1.0000
	13-Baked					
		1.000000	1.200	1.000	4	1.0000
	14-Boiled					
		1.000000	2.500	1.000	4	1.0000
	15-Fried					
		1.000000	0.040	1.000	4	1.0000
	31-Canned: NFS					
		0.000000	1.000	1.000		
	32-Canned: Cooked					
		1.000000	1.000	1.000	4	1.0000
	34-Canned: Boiled					
		1.000000	2.500	1.000	4	1.0000
	42-Frozen: Cooked					
		1.000000	1.000	1.000	4	1.0000
	43-Frozen: Baked					
		1.000000	1.200	1.000	4	1.0000
	45-Frozen: Fried					
		1.000000	0.040	1.000	4	1.0000
210 1C	Potatoes/white-dry					
		0.000357	0.020	1.000		
211 1C	Potatoes/white-peel only					
	13-Baked					
		1.000000	1.200	1.000	4	1.0000
	15-Fried					
		1.000000	0.040	1.000	4	1.0000
212 1AB	Radishes-roots					
		1.000000	1.000	1.000	5	1.0000
213 2	Radishes-tops					
		1.000000	1.000	1.000	9	1.0000

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

214	1AB	Rutabagas-roots				
			1.000000	1.000	1.000	6 1.0000
215	2	Rutabagas-tops				
			1.000000	1.000	1.000	10 1.0000
216	1AB	Salsify(oyster plant)				
			1.000000	1.000	1.000	3 1.0000
218	1CD	Sweet potatoes (incl yams)				
			1.000000	1.000	1.000	7 1.0000
219	1AB	Turnips-roots				
			1.000000	1.000	1.000	6 1.0000
220	1AB	Parsnips				
			1.000000	1.000	1.000	3 1.0000
227	6C	Beans-dry-great northern				
			0.002000	1.000	1.000	
228	6C	Beans-dry-kidney				
			0.002000	1.000	1.000	
229	6C	Beans-dry-lima				
			0.002000	1.000	1.000	
230	6C	Beans-dry-navy (pea)				
			0.002000	1.000	1.000	
231	6C	Beans-dry-other				
			0.002000	1.000	1.000	
232	6C	Beans-dry-pinto				
			0.002000	1.000	1.000	
233	6B	Beans-succulent-lima				
			1.000000	1.000	1.000	26 1.0000
234	6A	Beans-succulent-green				
		11-Uncooked				
			1.000000	1.000	1.000	24 1.0000
		12-Cooked: NFS				
			1.000000	1.000	1.000	24 1.0000
		14-Boiled				
			1.000000	1.000	1.000	24 1.0000
		31-Canned: NFS				
			1.000000	1.000	1.000	25 1.0000
		32-Canned: Cooked				
			1.000000	1.000	1.000	25 1.0000
		34-Canned: Boiled				
			1.000000	1.000	1.000	25 1.0000
		42-Frozen: Cooked				
			1.000000	1.000	1.000	25 1.0000
		44-Frozen: Boiled				
			1.000000	1.000	1.000	25 1.0000
		51-Cured: NFS (smoked/p				
			1.000000	1.000	1.000	25 1.0000
235	6A	Beans-succulent-other				
			1.000000	1.000	1.000	25 1.0000
236	6A	Beans-succulent-yellow/wax				
		14-Boiled				
			1.000000	1.000	1.000	24 1.0000
		32-Canned: Cooked				
			1.000000	1.000	1.000	25 1.0000
		42-Frozen: Cooked				
			1.000000	1.000	1.000	25 1.0000
237	15	Corn/pop				
			0.000100	1.000	1.000	
238	15	Corn/sweet				
			1.000000	1.000	1.000	73 1.0000
240	6C	Peas (garden)-dry				
			0.013000	0.045	1.000	
241	6AB	Peas (garden)-green				
		11-Uncooked				
			1.000000	1.000	1.000	27 1.0000
		12-Cooked: NFS				
			1.000000	0.150	1.000	27 1.0000
		13-Baked				
			1.000000	0.150	1.000	27 1.0000
		14-Boiled				
			1.000000	0.150	1.000	27 1.0000
		15-Fried				
			1.000000	0.150	1.000	27 1.0000
		31-Canned: NFS				
			1.000000	1.000	1.000	28 1.0000
		32-Canned: Cooked				
			1.000000	0.150	1.000	28 1.0000
		34-Canned: Boiled				
			1.000000	0.150	1.000	28 1.0000
		42-Frozen: Cooked				

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

		1.000000	0.150	1.000	28	1.0000
		44-Frozen:	Boiled			
		1.000000	0.150	1.000	28	1.0000
		45-Frozen:	Fried			
		1.000000	0.150	1.000	28	1.0000
243	6C	Lentils				
		0.002000	1.000	1.000		
244	6C	Mung beans (sprouts)				
		0.002000	1.000	1.000		
245	O	Okra				
		12-Cooked:	NFS			
		1.000000	0.180	1.000	79	1.0000
		14-Boiled				
		1.000000	0.050	1.000	79	1.0000
		15-Fried				
		1.000000	0.180	1.000	79	1.0000
		32-Canned:	Cooked			
		1.000000	0.180	1.000	79	1.0000
		42-Frozen:	Cooked			
		1.000000	0.180	1.000	79	1.0000
		44-Frozen:	Boiled			
		1.000000	0.050	1.000	79	1.0000
249	6C	Beans-dry-broadbeans				
		0.002000	1.000	1.000		
250	6B	Beans-succulent-broadbeans				
		1.000000	1.000	1.000	24	1.0000
251	6C	Beans-dry-pigeon beans				
		0.002000	1.000	1.000		
253	6	Beans-unspecified				
		1.000000	1.000	1.000	24	1.0000
255	6A	Soybeans-sprouted seeds				
		0.000015	0.330	1.000	99	1.0000
256	O	Beans-dry-hyacinth				
		0.002000	1.000	1.000		
257	O	Beans-succulent-hyacinth				
		1.000000	1.000	1.000	24	1.0000
258	6C	Beans-dry-blackeye peas/cowpea				
		0.002000	1.000	1.000		
259	6C	Beans-dry-garbanzo/chick pea				
		0.002000	1.000	1.000		
260	O	Asparagus				
		1.000000	1.000	1.000	74	1.0000
266	15	Corn grain-endosperm				
		0.000100	1.000	1.000		
267	15	Corn grain-bran				
		0.000100	1.000	1.000		
268	15	Corn grain/sugar/hfcs				
		0.000100	1.500	1.000		
270	15	Rice-rough (brown)				
		0.074000	1.000	1.000		
271	15	Rice-milled (white)				
		0.074000	0.030	1.000		
275	15	Sorghum (including milo)				
		0.000015	1.000	1.000	100	1.0000
276	15	Wheat-rough				
		0.000015	1.000	1.000	100	1.0000
277	15	Wheat-germ				
		0.000015	1.000	1.000		
278	15	Wheat-bran				
		0.000015	1.000	1.000		
279	15	Wheat-flour				
		0.000015	1.000	1.000		
280	15	Millet				
		0.000015	1.000	1.000	100	1.0000
282	1A	Sugar-beet				
		0.000400	0.040	1.000		
287	6C	Guar beans				
		1.000000	1.000	1.000	24	1.0000
289	15	Corn grain-oil				
		0.000100	0.250	1.000		
292	O	Flax seed				
		0.000100	1.000	1.000		
293	O	Peanuts-oil				
		0.000600	0.290	1.000		
297	6A	Soybeans-oil				
		0.000015	0.010	1.000		
298	O	Sunflower-oil				
		0.000400	0.670	1.000		

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

300 O	Olive oil					
		0.077000	0.810	1.000		
303 6A	Soybean-other					
		0.000015	1.000	1.000	99	1.0000
304 6A	Soybeans-mature seeds dry					
		0.000015	1.000	1.000	99	1.0000
305 6A	Soybeans-flour (full fat)					
		0.000015	1.000	1.000		
306 6A	Soybeans-flour (low fat)					
		0.000015	1.000	1.000		
307 6A	Soybeans-flour (defatted)					
		0.000015	1.000	1.000		
315 O	Grapes-wine and sherry					
		1.000000	1.000	1.000	77	1.0000
318 D	Milk-nonfat solids					
		0.030000	1.000	1.000	86	1.0000
319 D	Milk-fat solids					
		0.030000	1.000	1.000	86	1.0000
320 D	Milk sugar (lactose)					
		0.030000	1.000	1.000	86	1.0000
321 M	Beef-meat byproducts					
		3.675000	1.000	1.000	88	1.0000
322 M	Beef-other organ meats					
		3.675000	1.000	1.000	88	1.0000
323 M	Beef-dried					
		0.907000	1.920	1.000	86	1.0000
324 M	Beef-fat w/o bones					
		0.368000	1.000	1.000	86	1.0000
325 M	Beef-kidney					
		3.675000	1.000	1.000	88	1.0000
326 M	Beef-liver					
		1.390000	1.000	1.000	87	1.0000
327 M	Beef-lean (fat/free) w/o bones					
		0.907000	1.000	1.000	86	1.0000
328 M	Goat-meat byproducts					
		3.675000	1.000	1.000	88	1.0000
329 M	Goat-other organ meats					
		3.675000	1.000	1.000	88	1.0000
330 M	Goat-fat w/o bone					
		0.368000	1.000	1.000	86	1.0000
331 M	Goat-kidney					
		3.675000	1.000	1.000	88	1.0000
332 M	Goat-liver					
		1.390000	1.000	1.000	87	1.0000
333 M	Goat-lean (fat/free) w/o bone					
		0.907000	1.000	1.000	86	1.0000
336 M	Sheep-meat byproducts					
		3.675000	1.000	1.000	88	1.0000
337 M	Sheep-other organ meats					
		3.675000	1.000	1.000	88	1.0000
338 M	Sheep-fat w/o bone					
		0.368000	1.000	1.000	86	1.0000
339 M	Sheep-kidney					
		3.675000	1.000	1.000	88	1.0000
340 M	Sheep-liver					
		1.390000	1.000	1.000	87	1.0000
341 M	Sheep-lean (fat free) w/o bone					
		0.907000	1.000	1.000	86	1.0000
342 M	Pork-meat byproducts					
		0.260000	1.000	1.000	92	1.0000
343 M	Pork-other organ meats					
		0.260000	1.000	1.000	92	1.0000
344 M	Pork-fat w/o bone					
		0.026000	1.000	1.000	90	1.0000
345 M	Pork-kidney					
		0.260000	1.000	1.000	92	1.0000
346 M	Pork-liver					
		0.100000	1.000	1.000	91	1.0000
347 M	Pork-lean (fat free) w/o bone					
		0.065000	1.000	1.000	89	1.0000
349 F	Fish-shellfish					
		0.250000	1.000	1.000		
377 11	Apples-juice-concentrate					
		1.000000	3.000	1.000	50	1.0000
378 O	Bananas-juice					
		1.000000	1.000	1.000	75	1.0000
379 1A	Sugar-beet-molasses					
		0.000400	0.040	1.000		

## Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches

380	13A	Blackberries-juice		1.000000	1.000	1.000	63	1.0000
383	5B	Cabbage-savoy		12-Cooked: NFS				
				1.000000	0.025	1.000	19	1.0000
384	4B	Celery juice		1.000000	1.000	1.000	11	1.0000
388	15	Corn grain/sugar-molasses		0.000100	1.500	1.000		
389	O	Cranberries-juice-concentrate		1.000000	3.300	1.000	76	1.0000
392	O	Grapes-juice-concentrate		1.000000	3.000	1.000	78	1.0000
398	D	Milk-based water		0.030000	1.000	1.000	86	1.0000
403	O	Peanuts-butter		0.000600	1.890	1.000		
404	11	Pears-juice		1.000000	0.370	1.000	52	1.0000
405	6B	Peas-succulent/blackeye/cowpea		12-Cooked: NFS				
				1.000000	0.150	1.000	27	1.0000
				14-Boiled				
				1.000000	0.150	1.000	27	1.0000
				32-Canned: Cooked				
				1.000000	0.150	1.000	28	1.0000
				42-Frozen: Cooked				
				1.000000	0.150	1.000	28	1.0000
406	O	Pineapples-juice-concentrate		1.000000	2.000	1.000	82	0.0250
407	1AB	Radishes-japanese (daiken)		1.000000	1.000	1.000	5	1.0000
408	15	Rice-bran		0.074000	0.400	1.000		
410	12	Apricot juice		1.000000	1.000	1.000	55	1.0000
413	6A	Snowpeas		11-Uncooked				
				1.000000	1.000	1.000	27	1.0000
				12-Cooked: NFS				
				1.000000	1.000	1.000	27	1.0000
				14-Boiled				
				1.000000	1.000	1.000	27	1.0000
				15-Fried				
				1.000000	1.000	1.000	27	1.0000
				42-Frozen: Cooked				
				1.000000	1.000	1.000	28	1.0000
415	9B	Squash-spaghetti		1.000000	1.000	1.000	40	1.0000
416	O	Strawberries-juice		1.000000	1.000	1.000	84	1.0000
417	O	Sunflower-seeds		1.000000	1.000	1.000	85	1.0000
420	10	Tangerines-juice-concentrate		1.000000	4.080	1.000	46	1.0000
423	8	Tomatoes-dried		1.000000	0.520	1.000	32	1.0000
424	M	Veal-fat w/o bones		0.368000	1.000	1.000	86	1.0000
425	M	Veal-lean (fat free) w/o bones		0.907000	1.000	1.000	86	1.0000
426	M	Veal-kidney		3.675000	1.000	1.000	88	1.0000
427	M	Veal-liver		1.390000	1.000	1.000	87	1.0000
428	M	Veal-other organ meats		3.675000	1.000	1.000	88	1.0000
429	M	Veal-dried		0.907000	1.920	1.000	86	1.0000
430	M	Veal-meat byproducts		3.675000	1.000	1.000	88	1.0000
431	14	Walnut oil		0.005400	1.000	1.000		
436	9A	Watermelon-juice		1.000000	1.000	1.000	38	1.0000
437	15	Wheat-germ oil		0.000015	1.000	1.000		
439	9B	Wintermelon						

## **Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches**

		1.000000	1.000	1.000	35	1.0000	
441	10	Grapefruit-juice-concentrate					
			1.000000	4.580	1.000	43	1.0000
442	10	Lemons-juice-concentrate					
			1.000000	6.330	1.000	44	1.0000
443	10	Limes-juice-concentrate					
			1.000000	3.330	1.000	46	1.0000
448	10	Grapefruit-peel					
			1.000000	1.000	1.000	42	1.0000
480	O	Plantains-green					
			1.000000	1.000	1.000	75	1.0000
481	O	Plantains-dried					
			1.000000	3.900	1.000	75	1.0000
940	O	Peanuts-hulled					
			0.000600	1.000	1.000		

## **Attachment 6      Acute Dietary Exposure Analysis : Excluding Peaches**

## Results

U.S. Environmental Protection Agency Ver. 7.76  
DEEM ACUTE Analysis for CARBARYL (1989-92 data)  
Residue file: \$\$\$10carbarylfinal9 no peaches.RS7 Adjustment factor #2 NOT used.  
Analysis Date: 04-04-2002/15:35:25 Residue file dated: 04-03-2002/14:28:13/8  
Daily totals for food and foodform consumption used.  
MC iterations = 1000 MC list in residue file MC seed = 10  
Run Comment: ""

### Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:						
All infants:	0.000485	4.85	0.001322	13.22	0.005451	54.51
Nursing infants (<1 yr old):	0.000670	6.70	0.002971	29.71	0.007188	71.88
Non-nursing infants (<1 yr old):	0.000267	2.67	0.000941	9.41	0.006452	64.52
Children 1-6 yrs:	0.000890	8.90	0.003260	32.60	0.007493	74.93
Children 7-12 yrs:	0.001278	12.78	0.002381	23.81	0.010164	101.64
Females 13+ (preg/not nursing):	0.000703	7.03	0.001496	14.96	0.008243	82.43
Females 13+ (nursing):	0.000431	4.31	0.000913	9.13	0.006439	64.39
Females 13-19 (not preg or nursing):	0.000470	4.70	0.001469	14.69	0.008557	85.57
Females 20+ (not preg or nursing):	0.000328	3.28	0.000789	7.89	0.004096	40.96
Females 13-50 yrs:	0.000286	2.86	0.000927	9.27	0.004597	45.97
Males 13-19 yrs:	0.000309	3.09	0.000890	8.90	0.004262	42.62
Males 20+ yrs:	0.000420	4.20	0.000865	8.65	0.003535	35.35
Seniors 55+:	0.000309	3.09	0.000889	8.89	0.003949	39.49
	0.000290	2.90	0.000985	9.85	0.005456	54.56

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

### Residue File

U.S. Environmental Protection Agency  
DEEM Acute analysis for CARBARYL  
Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10carbarylfinal9 no apples.RS7  
Analysis Date 04-15-2002 Residue file dated: 04-04-2002/15:38:36/8  
Reference dose (aRfD) = 0.01 mg/kg bw/day

RDL indices and parameters for Monte Carlo Analysis:

Index	Dist	Parameter #1	Param #2	Param #3	Comment
#	Code				
1	6	Gardenbeet.rdf			
2	6	Carrot.rdf			
3	6	chic hors parsnip salsify.rdf			
4	6	Potato.rdf			
5	6	radishes.rdf			
6	6	Turnip.rdf			
7	6	sweetpotato.rdf			
8	6	topsgardenbeet.rdf			
9	6	topsradish.rdf			
10	6	Topturnip.rdf			
11	6	celery.rdf			
12	6	spinach.rdf			
13	6	cannedspinach.rdf			
14	6	lettucehd.rdf			
15	6	lettuceleaf.rdf			
16	6	rhubarb.rdf			
17	6	broccoli.rdf			
18	6	brusselssprouts.rdf			
19	6	cabbage.rdf			
20	6	cauliflower.rdf			
21	6	collards.rdf			
22	6	mustards.rdf			
23	6	kohrabi.rdf			
24	6	beanssucculentfresh.rdf			
25	6	beanssucculentprocessed.rdf			
26	6	beanslima.rdf			
27	6	Peasfresh.rdf			
28	6	Peasprocessed.rdf			
29	6	alleggplant.rdf			
30	6	peppersnonbell.rdf			
31	6	allsweetpepper.rdf			
32	6	tomatoesPB.rdf			
33	6	tomatoesNB.rdf			
34	6	allcucumber.rdf			
35	6	melon.rdf			
36	6	cantaloupe.rdf			
37	6	honeydew.rdf			
38	6	allwatermelon.rdf			
39	6	pumpkin.rdf			
40	6	wintersquash.rdf			
41	6	allsummersquash.rdf			
42	6	citrus.rdf			
43	6	grapefruitjuice.rdf			
44	6	lemonjuice.rdf			
45	6	orangesdecomp.rdf			
46	6	limejuice.rdf			
47	6	orangejuice.rdf			
48	6	appledecomp.rdf			
49	6	apple.rdf			
50	6	applejuice.rdf			
51	6	peardecomp.rdf			
52	6	pear.rdf			
53	6	quince.rdf			
54	6	crabapple.rdf			
55	6	apricot.rdf			
56	6	Apricotss.rdf			
57	6	allsweetcherries.rdf			
58	6	alltartcherries.rdf			
59	6	nectarine.rdf			
60	6	peachSS.rdf			
61	6	Peach.rdf			
62	6	plum2.rdf			
63	6	blackberries.rdf			
64	6	allblueberry.rdf			

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

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65   6 boysenberry.rdf
66   6 currant.rdf
67   6 allraspberries.rdf
68   6 almonds.rdf
69   6 chestnut.rdf
70   6 filbert.rdf
71   6 pecan.rdf
72   6 walnut.rdf
73   6 corn.rdf
74   6 allasparagus.rdf
75   6 banana.rdf
76   6 allcranberry.rdf
77   6 grapes.rdf
78   6 grapejuice.rdf
79   6 okra.rdf
80   6 olives.rdf
81   6 pineappledecomp.rdf
82   6 pineapplemexico.rdf
83   6 pistachio.rdf
84   6 strawberrypdg.rdf
85   6 sunflower.rdf
86   6 milk2.rdf
87   6 ruminantliver2.rdf
88   6 ruminantkidney2.rdf
89   6 swinemeat2.rdf
90   6 swinefat2.rdf
91   6 swineliver2.rdf
92   6 swinekidney2.rdf
93   6 poultry.rdf
94   6 eggs.rdf
95   6 pineappleother.rdf
96   6 Plumdecomp.rdf
97   6 pineappledomestic.rdf
98   6 appledried.rdf
99   6 soybean.rdf
100  6 wheat.rdf

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Food Code	Crop Grp	Food Name	Def (ppm)	Res	-----RDL Indices and Ratios-----						
					#1	#2	I#1	Ratio#1	I#2	Ratio#2	I#3
1	13A	Blackberries			1.000000	1.000	1.000	63	1.0000		
2	13A	Boysenberries			1.000000	1.000	1.000	65	1.0000		
3	13A	Dewberries			1.000000	1.000	1.000	65	1.0000		
4	13A	Loganberries			1.000000	1.000	1.000	65	1.0000		
5	13A	Raspberries			1.000000	1.000	1.000	67	1.0000		
6	13A	Youngberries			1.000000	1.000	1.000	65	1.0000		
7	13B	Blueberries			1.000000	1.000	1.000	64	1.0000		
8	O	Cranberries			1.000000	1.000	1.000	76	1.0000		
9	O	Cranberries-juice			1.000000	1.100	1.000	76	1.0000		
10	13B	Currants			1.000000	1.000	1.000	66	1.0000		
11	13B	Elderberries			1.000000	1.000	1.000	66	1.0000		
12	13B	Gooseberries			1.000000	1.000	1.000	66	1.0000		
13	O	Grapes			1.000000	1.000	1.000	77	1.0000		
14	O	Grapes-raisins			11-Uncooked						
					1.000000	2.170	1.000	77	1.0000		
					12-Cooked: NFS						
					1.000000	1.370	1.000	77	1.0000		
					13-Baked						
					1.000000	1.370	1.000	77	1.0000		
					14-Boiled						
					1.000000	1.370	1.000	77	1.0000		
					18-Dried						
					1.000000	1.370	1.000	77	1.0000		
					42-Frozen: Cooked						

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		1.000000	1.370	1.000	77	1.0000	
15	O	Grapes-juice	1.000000	1.000	1.000	78	1.0000
16	13B	Huckleberries	1.000000	1.000	1.000	66	1.0000
17	O	Strawberries	1.000000	1.000	1.000	84	1.0000
20	10	Citrus citron	1.000000	1.000	1.000	42	1.0000
22	10	Grapefruit-peeled fruit	11-Uncooked 1.000000 12-Cooked: NFS 1.000000 14-Boiled 0.000000 31-Canned: NFS 1.000000	1.000	1.000	45	1.0000
23	10	Grapefruit-juice	1.000000	1.170	1.000	43	1.0000
24	10	Kumquats	1.000000	1.000	1.000	42	1.0000
26	10	Lemons-peeled fruit	11-Uncooked 1.000000 12-Cooked: NFS 1.000000 31-Canned: NFS 1.000000	1.000	1.000	45	1.0000
27	10	Lemons-peel	1.000000	1.190	1.000	42	1.0000
28	10	Lemons-juice	1.000000	1.110	1.000	44	1.0000
30	10	Limes-peeled fruit	1.000000	1.000	1.000	45	1.0000
31	10	Limes-peel	1.000000	1.270	1.000	42	1.0000
32	10	Limes-juice	1.000000	1.110	1.000	46	1.0000
33	10	Oranges-juice-concentrate	1.000000	3.700	1.000	47	1.0000
34	10	Oranges-peeled fruit	11-Uncooked 1.000000 12-Cooked: NFS 1.000000 31-Canned: NFS 1.000000	1.000	1.000	45	1.0000
35	10	Oranges-peel	1.000000	1.270	1.000	42	1.0000
36	10	Oranges-juice	1.000000	1.000	1.000	47	1.0000
37	10	Tangelos	1.000000	1.000	1.000	45	1.0000
38	10	Tangerines	11-Uncooked 1.000000 31-Canned: NFS 1.000000 41-Frozen: NFS 1.000000	1.000	1.000	45	1.0000
39	10	Tangerines-juice	1.000000	1.280	1.000	46	1.0000
40	14	Almonds	1.000000	1.000	1.000	68	1.0000
43	14	Chestnuts	1.000000	1.000	1.000	69	1.0000
44	14	Filberts (hazelnuts)	1.000000	1.000	1.000	70	1.0000
48	14	Walnuts	1.000000	1.000	1.000	72	1.0000
50	O	Pistachio nuts	1.000000	1.000	1.000	83	1.0000
55	11	Crabapples	1.000000	1.000	1.000	54	1.0000
56	11	Pears	11-Uncooked 1.000000	1.000	1.000	51	1.0000

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		12-Cooked: NFS				
		1.000000	1.000	1.000	51	1.0000
		13-Baked				
		1.000000	1.000	1.000	51	1.0000
		14-Boiled				
		1.000000	1.000	1.000	51	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	52	1.0000
57	11	Pears-dried				
		1.000000	2.600	1.000	52	1.0000
58	11	Quinces				
		1.000000	1.000	1.000	53	1.0000
59	12	Apricots				
		11-Uncooked				
		1.000000	1.000	1.000	56	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	56	1.0000
		14-Boiled				
		1.000000	1.000	1.000	56	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	55	1.0000
		34-Canned: Boiled				
		1.000000	1.000	1.000	55	1.0000
60	12	Apricots-dried				
		1.000000	6.000	1.000	55	1.0000
61	12	Cherries				
		11-Uncooked				
		1.000000	1.000	1.000	57	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	58	1.0000
		13-Baked				
		1.000000	1.000	1.000	58	1.0000
		14-Boiled				
		1.000000	1.000	1.000	58	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	58	1.0000
		33-Canned: Baked				
		1.000000	1.000	1.000	58	1.0000
		41-Frozen: NFS				
		1.000000	1.000	1.000	58	1.0000
62	12	Cherries-dried				
		1.000000	4.000	1.000	57	1.0000
63	12	Cherries-juice				
		1.000000	1.500	1.000	58	1.0000
64	12	Nectarines				
		1.000000	1.000	1.000	59	1.0000
65	12	Peaches				
		11-Uncooked				
		1.000000	1.000	1.000	60	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	60	1.0000
		13-Baked				
		1.000000	1.000	1.000	60	1.0000
		14-Boiled				
		1.000000	1.000	1.000	60	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	61	1.0000
		41-Frozen: NFS				
		1.000000	1.000	1.000	61	1.0000
66	12	Peaches-dried				
		1.000000	7.000	1.000	61	1.0000
67	12	Plums (damsons)				
		11-Uncooked				
		1.000000	1.000	1.000	96	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	96	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	62	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	62	1.0000
		51-Cured: NFS (smoked/p				
		1.000000	1.000	1.000	62	1.0000
68	12	Plums-prunes (dried)				
		1.000000	0.150	1.000	62	1.0000
69	12	Plums/prune-juice				
		1.000000	1.400	1.000	62	1.0000
72	O	Bananas				
		1.000000	1.000	1.000	75	1.0000

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

73 O	Bananas-dried							
		1.000000	3.900	1.000	75	1.0000		
81 11	Loquats							
		1.000000	1.000	1.000	53	1.0000		
82 O	Olives							
		1.000000	1.000	1.000	80	1.0000		
89 O	Pineapples-peeled fruit							
	11-Uncooked							
		1.000000	0.540	1.000	81	0.0250	95	0.4750
	12-Cooked: NFS						95	0.4750
		1.000000	0.540	1.000	81	0.0250	97	0.5000
	13-Baked						95	0.4750
		1.000000	0.540	1.000	81	0.0250	97	0.5000
	14-Boiled						95	0.4750
		1.000000	0.540	1.000	81	0.0250	97	0.5000
	31-Canned: NFS						95	0.4750
		1.000000	0.540	1.000	82	0.0250	97	0.5000
	33-Canned: Baked						95	0.4750
		1.000000	0.540	1.000	82	0.0250	97	0.5000
	41-Frozen: NFS						95	0.4750
		1.000000	0.540	1.000	82	0.0250	97	0.5000
90 O	Pineapples-dried							
		1.000000	5.000	1.000	82	0.0250	95	0.4750
91 O	Pineapples-juice							
		1.000000	0.540	1.000	82	0.0250	95	0.4750
94 O	Plantains-ripe							
		1.000000	1.000	1.000	75	1.0000		
123 19A	Dill							
		0.004000	1.000	1.000				
126 1AB	Horseradish							
		1.000000	1.000	1.000	3	1.0000		
139 8	Paprika							
		1.000000	1.000	1.000	30	1.0000		
141 9A	Melons-cantaloupes-juice							
		1.000000	1.000	1.000	36	1.0000		
142 9A	Melons-cantaloupes-pulp							
		1.000000	1.000	1.000	36	1.0000		
143 9A	Casabas							
		1.000000	1.000	1.000	35	1.0000		
144 9A	Crenshaws							
		1.000000	1.000	1.000	35	1.0000		
145 9A	Melons-honeydew							
		1.000000	1.000	1.000	37	1.0000		
146 9A	Melons-persian							
		1.000000	1.000	1.000	35	1.0000		
147 9A	Watermelon							
		1.000000	1.000	1.000	38	1.0000		
148 9B	Cucumbers							
		1.000000	1.000	1.000	34	1.0000		
149 9B	Pumpkin							
		1.000000	1.000	1.000	39	1.0000		
150 9B	Squash-summer							
		1.000000	1.000	1.000	41	1.0000		
151 9B	Squash-winter							
		1.000000	1.000	1.000	40	1.0000		
152 9B	Bitter melon							
		1.000000	1.000	1.000	35	1.0000		
154 8	Eggplant							
		1.000000	1.000	1.000	29	1.0000		
155 8	Peppers-sweet(garden)							
		1.000000	1.000	1.000	31	1.0000		
156 8	Peppers-chilli incl jalapeno							
		1.000000	1.000	1.000	30	1.0000		
157 8	Peppers-other							
		1.000000	1.000	1.000	30	1.0000		
158 8	Pimientos							
		1.000000	1.000	1.000	30	1.0000		
159 8	Tomatoes-whole							
	11-Uncooked							
		1.000000	1.000	1.000	33	1.0000		
	12-Cooked: NFS							
		1.000000	1.000	1.000	33	1.0000		
	13-Baked							
		1.000000	1.000	1.000	33	1.0000		
	14-Boiled							
		1.000000	1.000	1.000	33	1.0000		
	15-Fried							
		1.000000	1.000	1.000	33	1.0000		

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		31-Canned: NFS 1.000000 1.000 1.000 32 1.0000
		32-Canned: Cooked 1.000000 1.000 1.000 32 1.0000
		33-Canned: Baked 1.000000 1.000 1.000 32 1.0000
		34-Canned: Boiled 1.000000 1.000 1.000 32 1.0000
		42-Frozen: Cooked 1.000000 1.000 1.000 32 1.0000
160 8	Tomatoes-juice	1.000000 0.540 1.000 32 1.0000
161 8	Tomatoes-puree	1.000000 0.650 1.000 32 1.0000
162 8	Tomatoes-paste	1.000000 0.650 1.000 32 1.0000
163 8	Tomatoes-catsup	1.000000 0.650 1.000 32 1.0000
165 2	Beets-garden-tops(greens)	1.000000 1.000 1.000 8 1.0000
166 4B	Celery	1.000000 1.000 1.000 11 1.0000
168 5A	Broccoli	1.000000 1.000 1.000 17 1.0000
169 5A	Brussels sprouts	1.000000 1.000 1.000 18 1.0000
170 5A	Cabbage-green and red	
	11-Uncooked	1.000000 0.250 1.000 19 1.0000
	12-Cooked: NFS	1.000000 0.025 1.000 19 1.0000
	13-Baked	1.000000 0.025 1.000 19 1.0000
	14-Boiled	1.000000 0.025 1.000 19 1.0000
	15-Fried	1.000000 0.025 1.000 19 1.0000
	31-Canned: NFS	1.000000 0.250 1.000 19 1.0000
	32-Canned: Cooked	1.000000 0.025 1.000 19 1.0000
	51-Cured: NFS (smoked/p	1.000000 0.025 1.000 19 1.0000
171 5A	Cauliflower	1.000000 1.000 1.000 20 1.0000
172 5B	Collards	1.000000 1.000 1.000 21 1.0000
174 5B	Kale	1.000000 1.000 1.000 22 1.0000
175 5A	Kohlrabi	1.000000 1.000 1.000 23 1.0000
176 4A	Lettuce-leafy varieties	1.000000 1.000 1.000 15 1.0000
177 4A	Dandelion-greens	1.000000 1.000 1.000 12 1.0000
178 4A	Endive-curley and escarole	1.000000 1.000 1.000 15 1.0000
182 4A	Lettuce-unspecified	1.000000 1.000 1.000 14 1.0000
183 5B	Mustard greens	1.000000 1.000 1.000 22 1.0000
184 4A	Parsley	1.000000 1.000 1.000 12 1.0000
185 4B	Rhubarb	1.000000 1.000 1.000 16 1.0000
186 4A	Spinach	
	11-Uncooked	1.000000 1.000 1.000 12 1.0000
	12-Cooked: NFS	1.000000 1.000 1.000 12 1.0000
	13-Baked	0.000000 1.000 1.000
	14-Boiled	1.000000 1.000 1.000 12 1.0000
	31-Canned: NFS	1.000000 1.000 1.000 13 1.0000
	32-Canned: Cooked	1.000000 1.000 1.000 13 1.0000

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		34-Canned: Boiled			
		1.000000 1.000 1.000 13 1.0000			
		42-Frozen: Cooked			
		1.000000 1.000 1.000 12 1.0000			
		44-Frozen: Boiled			
		1.000000 1.000 1.000 12 1.0000			
187 4B	Swiss chard				
		1.000000 1.000 1.000 16 1.0000			
188 2	Turnips-tops				
		1.000000 1.000 1.000 10 1.0000			
192 4A	Lettuce-head varieties				
		1.000000 1.000 1.000 14 1.0000			
195 O	Grapes-leaves				
		1.000000 1.000 1.000 77 1.0000			
197 1AB	Beets-garden-roots				
		1.000000 1.000 1.000 1 1.0000			
198 1AB	Carrots				
		1.000000 1.000 1.000 2 1.0000			
207 1C	Potatoes/white-whole				
		11-Uncooked			
		1.000000 1.000 1.000 4 1.0000			
		12-Cooked: NFS			
		1.000000 0.040 1.000 4 1.0000			
		13-Baked			
		1.000000 1.200 1.000 4 1.0000			
		14-Boiled			
		1.000000 2.500 1.000 4 1.0000			
		15-Fried			
		1.000000 0.040 1.000 4 1.0000			
		31-Canned: NFS			
		1.000000 1.000 1.000 4 1.0000			
208 1C	Potatoes/white-unspecified				
		1.000000 1.000 1.000 4 1.0000			
209 1C	Potatoes/white-peeled				
		11-Uncooked			
		0.000000 1.000 1.000			
		12-Cooked: NFS			
		1.000000 1.000 1.000 4 1.0000			
		13-Baked			
		1.000000 1.200 1.000 4 1.0000			
		14-Boiled			
		1.000000 2.500 1.000 4 1.0000			
		15-Fried			
		1.000000 0.040 1.000 4 1.0000			
		31-Canned: NFS			
		0.000000 1.000 1.000			
		32-Canned: Cooked			
		1.000000 1.000 1.000 4 1.0000			
		34-Canned: Boiled			
		1.000000 2.500 1.000 4 1.0000			
		42-Frozen: Cooked			
		1.000000 1.000 1.000 4 1.0000			
		43-Frozen: Baked			
		1.000000 1.200 1.000 4 1.0000			
		45-Frozen: Fried			
		1.000000 0.040 1.000 4 1.0000			
210 1C	Potatoes/white-dry				
		0.000357 0.020 1.000			
211 1C	Potatoes/white-peel only				
		13-Baked			
		1.000000 1.200 1.000 4 1.0000			
		15-Fried			
		1.000000 0.040 1.000 4 1.0000			
212 1AB	Radishes-roots				
		1.000000 1.000 1.000 5 1.0000			
213 2	Radishes-tops				
		1.000000 1.000 1.000 9 1.0000			
214 1AB	Rutabagas-roots				
		1.000000 1.000 1.000 6 1.0000			
215 2	Rutabagas-tops				
		1.000000 1.000 1.000 10 1.0000			
216 1AB	Salsify(oyster plant)				
		1.000000 1.000 1.000 3 1.0000			
218 1CD	Sweet potatoes (incl yams)				
		1.000000 1.000 1.000 7 1.0000			
219 1AB	Turnips-roots				
		1.000000 1.000 1.000 6 1.0000			
220 1AB	Parsnips				

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		1.000000	1.000	1.000	3	1.0000
227	6C	Beans-dry-great northern				
		0.002000	1.000	1.000		
228	6C	Beans-dry-kidney				
		0.002000	1.000	1.000		
229	6C	Beans-dry-lima				
		0.002000	1.000	1.000		
230	6C	Beans-dry-navy (pea)				
		0.002000	1.000	1.000		
231	6C	Beans-dry-other				
		0.002000	1.000	1.000		
232	6C	Beans-dry-pinto				
		0.002000	1.000	1.000		
233	6B	Beans-succulent-lima				
		1.000000	1.000	1.000	26	1.0000
234	6A	Beans-succulent-green				
		11-Uncooked				
		1.000000	1.000	1.000	24	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	24	1.0000
		14-Boiled				
		1.000000	1.000	1.000	24	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	25	1.0000
		32-Canned: Cooked				
		1.000000	1.000	1.000	25	1.0000
		34-Canned: Boiled				
		1.000000	1.000	1.000	25	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	25	1.0000
		44-Frozen: Boiled				
		1.000000	1.000	1.000	25	1.0000
		51-Cured: NFS (smoked/p				
		1.000000	1.000	1.000	25	1.0000
235	6A	Beans-succulent-other				
		1.000000	1.000	1.000	25	1.0000
236	6A	Beans-succulent-yellow/wax				
		14-Boiled				
		1.000000	1.000	1.000	24	1.0000
		32-Canned: Cooked				
		1.000000	1.000	1.000	25	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	25	1.0000
237	15	Corn/pop				
		0.000100	1.000	1.000		
238	15	Corn/sweet				
		1.000000	1.000	1.000	73	1.0000
240	6C	Peas (garden)-dry				
		0.013000	0.045	1.000		
241	6AB	Peas (garden)-green				
		11-Uncooked				
		1.000000	1.000	1.000	27	1.0000
		12-Cooked: NFS				
		1.000000	0.150	1.000	27	1.0000
		13-Baked				
		1.000000	0.150	1.000	27	1.0000
		14-Boiled				
		1.000000	0.150	1.000	27	1.0000
		15-Fried				
		1.000000	0.150	1.000	27	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	28	1.0000
		32-Canned: Cooked				
		1.000000	0.150	1.000	28	1.0000
		34-Canned: Boiled				
		1.000000	0.150	1.000	28	1.0000
		42-Frozen: Cooked				
		1.000000	0.150	1.000	28	1.0000
		44-Frozen: Boiled				
		1.000000	0.150	1.000	28	1.0000
		45-Frozen: Fried				
		1.000000	0.150	1.000	28	1.0000
243	6C	Lentils				
		0.002000	1.000	1.000		
244	6C	Mung beans (sprouts)				
		0.002000	1.000	1.000		
245	O	Okra				
		12-Cooked: NFS				

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		1.000000	0.180	1.000	79	1.0000
	14-Boiled	1.000000	0.050	1.000	79	1.0000
	15-Fried	1.000000	0.180	1.000	79	1.0000
	32-Canned: Cooked	1.000000	0.180	1.000	79	1.0000
	42-Frozen: Cooked	1.000000	0.180	1.000	79	1.0000
	44-Frozen: Boiled	1.000000	0.050	1.000	79	1.0000
249	6C Beans-dry-broadbeans	0.002000	1.000	1.000		
250	6B Beans-succulent-broadbeans	1.000000	1.000	1.000	24	1.0000
251	6C Beans-dry-pigeon beans	0.002000	1.000	1.000		
253	6 Beans-unspecified	1.000000	1.000	1.000	24	1.0000
255	6A Soybeans-sprouted seeds	0.000015	0.330	1.000	99	1.0000
256	O Beans-dry-hyacinth	0.002000	1.000	1.000		
257	O Beans-succulent-hyacinth	1.000000	1.000	1.000	24	1.0000
258	6C Beans-dry-blackeye peas/cowpea	0.002000	1.000	1.000		
259	6C Beans-dry-garbanzo/chick pea	0.002000	1.000	1.000		
260	O Asparagus	1.000000	1.000	1.000	74	1.0000
266	15 Corn grain-endosperm	0.000100	1.000	1.000		
267	15 Corn grain-bran	0.000100	1.000	1.000		
268	15 Corn grain/sugar/hfcs	0.000100	1.500	1.000		
270	15 Rice-rough (brown)	0.074000	1.000	1.000		
271	15 Rice-milled (white)	0.074000	0.030	1.000		
275	15 Sorghum (including milo)	0.000015	1.000	1.000	100	1.0000
276	15 Wheat-rough	0.000015	1.000	1.000	100	1.0000
277	15 Wheat-germ	0.000015	1.000	1.000		
278	15 Wheat-bran	0.000015	1.000	1.000		
279	15 Wheat-flour	0.000015	1.000	1.000		
280	15 Millet	0.000015	1.000	1.000	100	1.0000
282	1A Sugar-beet	0.000400	0.040	1.000		
287	6C Guar beans	1.000000	1.000	1.000	24	1.0000
289	15 Corn grain-oil	0.000100	0.250	1.000		
292	O Flax seed	0.000100	1.000	1.000		
293	O Peanuts-oil	0.000600	0.290	1.000		
297	6A Soybeans-oil	0.000015	0.010	1.000		
298	O Sunflower-oil	0.000400	0.670	1.000		
300	O Olive oil	0.077000	0.810	1.000		
303	6A Soybean-other	0.000015	1.000	1.000	99	1.0000
304	6A Soybeans-mature seeds dry	0.000015	1.000	1.000	99	1.0000
305	6A Soybeans-flour (full fat)	0.000015	1.000	1.000		
306	6A Soybeans-flour (low fat)	0.000015	1.000	1.000		
307	6A Soybeans-flour (defatted)	0.000015	1.000	1.000		

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

		0.000015	1.000	1.000		
315 O	Grapes-wine and sherry	1.000000	1.000	1.000	77	1.0000
318 D	Milk-nonfat solids	0.030000	1.000	1.000	86	1.0000
319 D	Milk-fat solids	0.030000	1.000	1.000	86	1.0000
320 D	Milk sugar (lactose)	0.030000	1.000	1.000	86	1.0000
321 M	Beef-meat byproducts	3.675000	1.000	1.000	88	1.0000
322 M	Beef-other organ meats	3.675000	1.000	1.000	88	1.0000
323 M	Beef-dried	0.907000	1.920	1.000	86	1.0000
324 M	Beef-fat w/o bones	0.368000	1.000	1.000	86	1.0000
325 M	Beef-kidney	3.675000	1.000	1.000	88	1.0000
326 M	Beef-liver	1.390000	1.000	1.000	87	1.0000
327 M	Beef-lean (fat/free) w/o bones	0.907000	1.000	1.000	86	1.0000
328 M	Goat-meat byproducts	3.675000	1.000	1.000	88	1.0000
329 M	Goat-other organ meats	3.675000	1.000	1.000	88	1.0000
330 M	Goat-fat w/o bone	0.368000	1.000	1.000	86	1.0000
331 M	Goat-kidney	3.675000	1.000	1.000	88	1.0000
332 M	Goat-liver	1.390000	1.000	1.000	87	1.0000
333 M	Goat-lean (fat/free) w/o bone	0.907000	1.000	1.000	86	1.0000
336 M	Sheep-meat byproducts	3.675000	1.000	1.000	88	1.0000
337 M	Sheep-other organ meats	3.675000	1.000	1.000	88	1.0000
338 M	Sheep-fat w/o bone	0.368000	1.000	1.000	86	1.0000
339 M	Sheep-kidney	3.675000	1.000	1.000	88	1.0000
340 M	Sheep-liver	1.390000	1.000	1.000	87	1.0000
341 M	Sheep-lean (fat free) w/o bone	0.907000	1.000	1.000	86	1.0000
342 M	Pork-meat byproducts	0.260000	1.000	1.000	92	1.0000
343 M	Pork-other organ meats	0.260000	1.000	1.000	92	1.0000
344 M	Pork-fat w/o bone	0.026000	1.000	1.000	90	1.0000
345 M	Pork-kidney	0.260000	1.000	1.000	92	1.0000
346 M	Pork-liver	0.100000	1.000	1.000	91	1.0000
347 M	Pork-lean (fat free) w/o bone	0.065000	1.000	1.000	89	1.0000
349 F	Fish-shellfish	0.250000	1.000	1.000		
378 O	Bananas-juice	1.000000	1.000	1.000	75	1.0000
379 1A	Sugar-beet-molasses	0.000400	0.040	1.000		
380 13A	Blackberries-juice	1.000000	1.000	1.000	63	1.0000
383 5B	Cabbage-savoy	12-Cooked: NFS				
		1.000000	0.025	1.000	19	1.0000
384 4B	Celery juice	1.000000	1.000	1.000	11	1.0000
388 15	Corn grain/sugar-molasses	0.000100	1.500	1.000		
389 O	Cranberries-juice-concentrate	1.000000	3.300	1.000	76	1.0000
392 O	Grapes-juice-concentrate	1.000000	3.000	1.000	78	1.0000

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

398 D	Milk-based water						
	0.030000	1.000	1.000	86	1.0000		
402 12	Peaches-juice						
	1.000000	1.000	1.000	61	1.0000		
403 O	Peanuts-butter						
	0.000600	1.890	1.000				
404 11	Pears-juice						
	1.000000	0.370	1.000	52	1.0000		
405 6B	Peas-succulent/blackeye/cowpea						
	12-Cooked: NFS						
	1.000000	0.150	1.000	27	1.0000		
	14-Boiled						
	1.000000	0.150	1.000	27	1.0000		
	32-Canned: Cooked						
	1.000000	0.150	1.000	28	1.0000		
	42-Frozen: Cooked						
	1.000000	0.150	1.000	28	1.0000		
406 O	Pineapples-juice-concentrate						
	1.000000	2.000	1.000	82	0.0250	95	0.4750
407 1AB	Radishes-japanese (daiken)						
	1.000000	1.000	1.000	5	1.0000		
408 15	Rice-bran						
	0.074000	0.400	1.000				
410 12	Apricot juice						
	1.000000	1.000	1.000	55	1.0000		
413 6A	Snowpeas						
	11-Uncooked						
	1.000000	1.000	1.000	27	1.0000		
	12-Cooked: NFS						
	1.000000	1.000	1.000	27	1.0000		
	14-Boiled						
	1.000000	1.000	1.000	27	1.0000		
	15-Fried						
	1.000000	1.000	1.000	27	1.0000		
	42-Frozen: Cooked						
	1.000000	1.000	1.000	28	1.0000		
415 9B	Squash-spaghetti						
	1.000000	1.000	1.000	40	1.0000		
416 O	Strawberries-juice						
	1.000000	1.000	1.000	84	1.0000		
417 O	Sunflower-seeds						
	1.000000	1.000	1.000	85	1.0000		
420 10	Tangerines-juice-concentrate						
	1.000000	4.080	1.000	46	1.0000		
423 8	Tomatoes-dried						
	1.000000	0.520	1.000	32	1.0000		
424 M	Veal-fat w/o bones						
	0.368000	1.000	1.000	86	1.0000		
425 M	Veal-lean (fat free) w/o bones						
	0.907000	1.000	1.000	86	1.0000		
426 M	Veal-kidney						
	3.675000	1.000	1.000	88	1.0000		
427 M	Veal-liver						
	1.390000	1.000	1.000	87	1.0000		
428 M	Veal-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
429 M	Veal-dried						
	0.907000	1.920	1.000	86	1.0000		
430 M	Veal-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		
431 14	Walnut oil						
	0.005400	1.000	1.000				
436 9A	Watermelon-juice						
	1.000000	1.000	1.000	38	1.0000		
437 15	Wheat-germ oil						
	0.000015	1.000	1.000				
439 9B	Wintermelon						
	1.000000	1.000	1.000	35	1.0000		
441 10	Grapefruit-juice-concentrate						
	1.000000	4.580	1.000	43	1.0000		
442 10	Lemons-juice-concentrate						
	1.000000	6.330	1.000	44	1.0000		
443 10	Limes-juice-concentrate						
	1.000000	3.330	1.000	46	1.0000		
448 10	Grapefruit peel						
	1.000000	1.000	1.000	42	1.0000		
480 O	Plantains-green						
	1.000000	1.000	1.000	75	1.0000		

**Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples**

481 O	Plantains-dried	1.000000	3.900	1.000	75	1.0000
940 O	Peanuts-hulled	0.000600	1.000	1.000		

## Attachment 7. Acute Dietary Exposure Analysis: Excluding Apples

### Results

U.S. Environmental Protection Agency  
DEEM ACUTE Analysis for CARBARYL Ver. 7.76  
(1989-92 data)  
Residue file: \$\$\$10carbarylfinal9 no apples.RS7 Adjustment factor #2 NOT used.  
Analysis Date: 04-04-2002/16:22:55 Residue file dated: 04-04-2002/15:38:36/8  
Daily totals for food and foodform consumption used.  
MC iterations = 1000 MC list in residue file MC seed = 10  
Run Comment: ""  
=====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:	0.000456	4.56	0.001246	12.46	0.004943	49.43
All infants:	0.000544	5.44	0.003111	31.11	0.011784	117.84
Nursing infants (<1 yr old):	0.000209	2.09	0.000780	7.80	0.007620	76.20
Non-nursing infants (<1 yr old):	0.000774	7.74	0.003644	36.44	0.012798	127.98
Children 1-6 yrs:	0.001205	12.05	0.002248	22.48	0.008201	82.01
Children 7-12 yrs:	0.000672	6.72	0.001351	13.51	0.006867	68.67
Females 13+ (preg/not nursing):	0.000410	4.10	0.000788	7.88	0.004787	47.87
Females 13+ (nursing):	0.000385	3.85	0.001176	11.76	0.007275	72.75
Females 13-19 (not preg or nursing):	0.000320	3.20	0.000778	7.78	0.003965	39.65
Females 20+ (not preg or nursing):	0.000276	2.76	0.000901	9.01	0.004158	41.58
Females 13-50 yrs:	0.000298	2.98	0.000868	8.68	0.003890	38.90
Males 13-19 yrs:	0.000410	4.10	0.000819	8.19	0.003014	30.14
Males 20+ yrs:	0.000298	2.98	0.000848	8.48	0.003575	35.75
Seniors 55+:	0.000281	2.81	0.000963	9.63	0.005094	50.94

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

### Residue File

U.S. Environmental Protection Agency  
DEEM Acute analysis for CARBARYL  
Residue file name: C:\\$MyFiles\Carbaryl\Rdf files\\$\$\$10carbarylfinal9 market basket.RS7  
Analysis Date 04-15-2002 Residue file dated: 04-04-2002/17:32:06/8  
Reference dose (aRfD) = 0.01 mg/kg bw/day

RDL indices and parameters for Monte Carlo Analysis:

Index	Dist	Parameter #1	Param #2	Param #3	Comment
#	Code				
1	6	Gardenbeet.rdf			
2	6	Carrot.rdf			
3	6	chic hors parsnip salsify.rdf			
4	6	Potato.rdf			
5	6	radishes.rdf			
6	6	Turnip.rdf			
7	6	sweetpotato.rdf			
8	6	topsgardenbeet.rdf			
9	6	topsradish.rdf			
10	6	Topturnip.rdf			
11	6	celery.rdf			
12	6	spinach.rdf			
13	6	cannedspinach.rdf			
14	6	zmarklettuce.rdf			
15	6	lettuceleaf.rdf			
16	6	rhubarb.rdf			
17	6	zmarkbroccoli.rdf			
18	6	brusselssprouts.rdf			
19	6	cabbage.rdf			
20	6	cauliflower.rdf			
21	6	collards.rdf			
22	6	mustards.rdf			
23	6	kohrabi.rdf			
24	6	beanssucculentfresh.rdf			
25	6	beanssucculentprocessed.rdf			
26	6	beanslima.rdf			
27	6	Peasfresh.rdf			
28	6	Peasprocessed.rdf			
29	6	alleggplant.rdf			
30	6	peppersnonbell.rdf			
31	6	allsweetpepper.rdf			
32	6	tomatoesPB.rdf			
33	6	zmarktomato.rdf			
34	6	allcucumber.rdf			
35	6	melon.rdf			
36	6	cantaloupe.rdf			
37	6	honeydew.rdf			
38	6	allwatermelon.rdf			
39	6	pumpkin.rdf			
40	6	wintersquash.rdf			
41	6	allsummersquash.rdf			
42	6	citrus.rdf			
43	6	grapefruitjuice.rdf			
44	6	lemonjuice.rdf			
45	6	zmarkorange.rdf			
46	6	limejuice.rdf			
47	6	orangejuice.rdf			
48	6	zmarkapple.rdf			
49	6	apple.rdf			
50	6	applejuice.rdf			
51	6	peardecomp.rdf			
52	6	pear.rdf			
53	6	quince.rdf			
54	6	crabapple.rdf			
55	6	apricot.rdf			
56	6	Apricotdecomp.rdf			
57	6	allsweetcherries.rdf			
58	6	alltartcherries.rdf			
59	6	nectarine.rdf			
60	6	zmarkpeach.rdf			
61	6	Peach.rdf			
62	6	plum2.rdf			
63	6	blackberries.rdf			
64	6	allblueberry.rdf			

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

```

65   6 boysenberry.rdf
66   6 currant.rdf
67   6 allraspberries.rdf
68   6 almonds.rdf
69   6 chestnut.rdf
70   6 filbert.rdf
71   6 pecan.rdf
72   6 walnut.rdf
73   6 corn.rdf
74   6 allasparagus.rdf
75   6 zmarkbanana.rdf
76   6 allcranberry.rdf
77   6 zmarkgrape.rdf
78   6 grapejuice.rdf
79   6 okra.rdf
80   6 olives.rdf
81   6 pineappledecomp.rdf
82   6 pineapplemexico.rdf
83   6 pistachio.rdf
84   6 allstrawberry.rdf
85   6 sunflower.rdf
86   6 milk2.rdf
87   6 ruminantliver2.rdf
88   6 ruminantkidney2.rdf
89   6 swinemeat2.rdf
90   6 swinefat2.rdf
91   6 swineliver2.rdf
92   6 swinekidney2.rdf
93   6 poultry.rdf
94   6 eggs.rdf
95   6 pineappleother.rdf
96   6 Plumdecomp.rdf
97   6 pineappledomestic.rdf
98   6 zmarkapricot.rdf
99   6 zmarkcauliflower.rdf
100  6 zmarkcitrus.rdf
101  6 zmarkgrapefruit.rdf
102  6 zmarkleaflettuce.rdf
103  6 zmarklemon.rdf
104  6 zmarknectarine.rdf
105  6 zmarkpear.rdf
106  6 zmarkplum.rdf
107  6 zmarkquincecrabapp.rdf
108  6 appledried.rdf
109  6 soybean.rdf
110  6 wheat.rdf

```

Food Code	Crop Grp	Food Name	Def (ppm)	Res	Adj. Factors -----RDL Indices and Ratios-----				
					#1	#2	I#1	Ratio#1	I#2
1	13A	Blackberries			1.000000	1.000	1.000	63	1.0000
2	13A	Boysenberries			1.000000	1.000	1.000	65	1.0000
3	13A	Dewberries			1.000000	1.000	1.000	65	1.0000
4	13A	Loganberries			1.000000	1.000	1.000	65	1.0000
5	13A	Raspberries			1.000000	1.000	1.000	67	1.0000
6	13A	Youngberries			1.000000	1.000	1.000	65	1.0000
7	13B	Blueberries			1.000000	1.000	1.000	64	1.0000
8	O	Cranberries			1.000000	1.000	1.000	76	1.0000
9	O	Cranberries-juice			1.000000	1.100	1.000	76	1.0000
10	13B	Currants			1.000000	1.000	1.000	66	1.0000
11	13B	Elderberries			1.000000	1.000	1.000	66	1.0000
12	13B	Gooseberries			1.000000	1.000	1.000	66	1.0000
13	O	Grapes			1.000000	1.000	1.000	77	1.0000
14	O	Grapes-raisins			11-Uncooked				

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

		1.000000	2.170	1.000	77	1.0000
		12-Cooked: NFS				
		1.000000	1.370	1.000	77	1.0000
		13-Baked				
		1.000000	1.370	1.000	77	1.0000
		14-Boiled				
		1.000000	1.370	1.000	77	1.0000
		18-Dried				
		1.000000	1.370	1.000	77	1.0000
		42-Frozen: Cooked				
		1.000000	1.370	1.000	77	1.0000
15	O	Grapes-juice				
		1.000000	1.000	1.000	78	1.0000
16	13B	Huckleberries				
		1.000000	1.000	1.000	66	1.0000
17	O	Strawberries				
		1.000000	1.000	1.000	84	1.0000
20	10	Citrus citron				
		1.000000	1.000	1.000	100	1.0000
22	10	Grapefruit-peeled fruit				
		11-Uncooked				
		1.000000	1.000	1.000	101	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	101	1.0000
		14-Boiled				
		0.000000	1.000	1.000		
		31-Canned: NFS				
		1.000000	1.000	1.000	101	1.0000
23	10	Grapefruit-juice				
		1.000000	1.170	1.000	43	1.0000
24	10	Kumquats				
		1.000000	1.000	1.000	100	1.0000
26	10	Lemons-peeled fruit				
		11-Uncooked				
		1.000000	1.000	1.000	103	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	103	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	103	1.0000
27	10	Lemons-peel				
		1.000000	1.190	1.000	103	1.0000
28	10	Lemons-juice				
		1.000000	1.110	1.000	44	1.0000
30	10	Limes-peeled fruit				
		1.000000	1.000	1.000	100	1.0000
31	10	Limes-peel				
		1.000000	1.270	1.000	100	1.0000
32	10	Limes-juice				
		1.000000	1.110	1.000	46	1.0000
33	10	Oranges-juice-concentrate				
		1.000000	3.700	1.000	47	1.0000
34	10	Oranges-peeled fruit				
		11-Uncooked				
		1.000000	1.000	1.000	45	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	45	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	45	1.0000
35	10	Oranges-peel				
		1.000000	1.270	1.000	45	1.0000
36	10	Oranges-juice				
		1.000000	1.000	1.000	47	1.0000
37	10	Tangelos				
		1.000000	1.000	1.000	100	1.0000
38	10	Tangerines				
		11-Uncooked				
		1.000000	1.000	1.000	100	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	100	1.0000
		41-Frozen: NFS				
		1.000000	1.000	1.000	100	1.0000
39	10	Tangerines-juice				
		1.000000	1.280	1.000	46	1.0000
40	14	Almonds				
		1.000000	1.000	1.000	68	1.0000
43	14	Chestnuts				
		1.000000	1.000	1.000	69	1.0000
44	14	Filberts (hazelnuts)				

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

		1.000000	1.000	1.000	70	1.0000
48 14	Walnuts	1.000000	1.000	1.000	72	1.0000
50 0	Pistachio nuts	1.000000	1.000	1.000	83	1.0000
52 11	Apples	11-Uncooked 1.000000	1.000	1.000	48	1.0000
	12-Cooked: NFS 1.000000	1.000	1.000	48	1.0000	
	13-Baked 1.000000	1.000	1.000	48	1.0000	
	14-Boiled 1.000000	1.000	1.000	48	1.0000	
	15-Fried 1.000000	1.000	1.000	48	1.0000	
	18-Dried 0.001400	1.000	1.000	108	1.0000	
	31-Canned: NFS 1.000000	1.000	1.000	48	1.0000	
	32-Canned: Cooked 1.000000	1.000	1.000	48	1.0000	
	33-Canned: Baked 1.000000	1.000	1.000	48	1.0000	
	34-Canned: Boiled 1.000000	1.000	1.000	48	1.0000	
	42-Frozen: Cooked 1.000000	1.000	1.000	48	1.0000	
53 11	Apples-dried	1.000000	2.600	1.000	48	1.0000
54 11	Apples-juice/cider	1.000000	1.000	1.000	50	1.0000
55 11	Crabapples	1.000000	1.000	1.000	107	1.0000
56 11	Pears	11-Uncooked 1.000000	1.000	1.000	105	1.0000
	12-Cooked: NFS 1.000000	1.000	1.000	105	1.0000	
	13-Baked 1.000000	1.000	1.000	105	1.0000	
	14-Boiled 1.000000	1.000	1.000	105	1.0000	
	31-Canned: NFS 1.000000	1.000	1.000	105	1.0000	
57 11	Pears-dried	1.000000	2.600	1.000	105	1.0000
58 11	Quinces	1.000000	1.000	1.000	107	1.0000
59 12	Apricots	11-Uncooked 1.000000	1.000	1.000	98	1.0000
	12-Cooked: NFS 1.000000	1.000	1.000	98	1.0000	
	14-Boiled 1.000000	1.000	1.000	98	1.0000	
	31-Canned: NFS 1.000000	1.000	1.000	98	1.0000	
	34-Canned: Boiled 1.000000	1.000	1.000	98	1.0000	
60 12	Apricots-dried	1.000000	6.000	1.000	98	1.0000
61 12	Cherries	11-Uncooked 1.000000	1.000	1.000	57	1.0000
	12-Cooked: NFS 1.000000	1.000	1.000	58	1.0000	
	13-Baked 1.000000	1.000	1.000	58	1.0000	
	14-Boiled 1.000000	1.000	1.000	58	1.0000	
	31-Canned: NFS 1.000000	1.000	1.000	58	1.0000	
	33-Canned: Baked 1.000000	1.000	1.000	58	1.0000	
	41-Frozen: NFS 1.000000	1.000	1.000	58	1.0000	
62 12	Cherries-dried					

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

		1.000000	4.000	1.000	57	1.0000
63	12	Cherries-juice				
		1.000000	1.500	1.000	58	1.0000
64	12	Nectarines				
		1.000000	1.000	1.000	104	1.0000
65	12	Peaches				
		11-Uncooked				
		1.000000	1.000	1.000	60	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	60	1.0000
		13-Baked				
		1.000000	1.000	1.000	60	1.0000
		14-Boiled				
		1.000000	1.000	1.000	60	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	60	1.0000
		41-Frozen: NFS				
		1.000000	1.000	1.000	60	1.0000
66	12	Peaches-dried				
		1.000000	7.000	1.000	60	1.0000
67	12	Plums (damsons)				
		11-Uncooked				
		1.000000	1.000	1.000	106	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	106	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	106	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	106	1.0000
		51-Cured: NFS (smoked/p				
		1.000000	1.000	1.000	106	1.0000
68	12	Plums-prunes (dried)				
		1.000000	0.150	1.000	106	1.0000
69	12	Plums/prune-juice				
		1.000000	1.400	1.000	106	1.0000
72	O	Bananas				
		1.000000	1.000	1.000	75	1.0000
73	O	Bananas-dried				
		1.000000	3.900	1.000	75	1.0000
81	11	Loquats				
		1.000000	1.000	1.000	107	1.0000
82	O	Olives				
		1.000000	1.000	1.000	80	1.0000
89	O	Pineapples-peeled fruit				
		11-Uncooked				
		1.000000	0.540	1.000	81	0.0250
		12-Cooked: NFS				
		1.000000	0.540	1.000	81	0.0250
		13-Baked				
		1.000000	0.540	1.000	81	0.0250
		14-Boiled				
		1.000000	0.540	1.000	81	0.0250
		31-Canned: NFS				
		1.000000	0.540	1.000	82	0.0250
		33-Canned: Baked				
		1.000000	0.540	1.000	82	0.0250
		41-Frozen: NFS				
		1.000000	0.540	1.000	82	0.0250
90	O	Pineapples-dried				
		1.000000	5.000	1.000	82	0.0250
91	O	Pineapples-juice				
		1.000000	0.540	1.000	82	0.0250
94	O	Plantains-ripe				
		1.000000	1.000	1.000	75	1.0000
123	19A	Dill				
		0.004000	1.000	1.000		
126	1AB	Horseradish				
		1.000000	1.000	1.000	3	1.0000
139	8	Paprika				
		1.000000	1.000	1.000	30	1.0000
141	9A	Melons-cantaloupes-juice				
		1.000000	1.000	1.000	36	1.0000
142	9A	Melons-cantaloupes-pulp				
		1.000000	1.000	1.000	36	1.0000
143	9A	Casabas				
		1.000000	1.000	1.000	35	1.0000
144	9A	Crenshaws				
		1.000000	1.000	1.000	35	1.0000

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

145	9A	Melons-honeydew		1.000000	1.000	1.000	37	1.0000
146	9A	Melons-persian		1.000000	1.000	1.000	35	1.0000
147	9A	Watermelon		1.000000	1.000	1.000	38	1.0000
148	9B	Cucumbers		1.000000	1.000	1.000	34	1.0000
149	9B	Pumpkin		1.000000	1.000	1.000	39	1.0000
150	9B	Squash-summer		1.000000	1.000	1.000	41	1.0000
151	9B	Squash-winter		1.000000	1.000	1.000	40	1.0000
152	9B	Bitter melon		1.000000	1.000	1.000	35	1.0000
154	8	Eggplant		1.000000	1.000	1.000	29	1.0000
155	8	Peppers-sweet(garden)		1.000000	1.000	1.000	31	1.0000
156	8	Peppers-chilli incl jalapeno		1.000000	1.000	1.000	30	1.0000
157	8	Peppers-other		1.000000	1.000	1.000	30	1.0000
158	8	Pimientos		1.000000	1.000	1.000	30	1.0000
159	8	Tomatoes-whole		11-Uncooked				
				1.000000	1.000	1.000	33	1.0000
				12-Cooked: NFS				
				1.000000	1.000	1.000	33	1.0000
				13-Baked				
				1.000000	1.000	1.000	33	1.0000
				14-Boiled				
				1.000000	1.000	1.000	33	1.0000
				15-Fried				
				1.000000	1.000	1.000	33	1.0000
				31-Canned: NFS				
				1.000000	1.000	1.000	33	1.0000
				32-Canned: Cooked				
				1.000000	1.000	1.000	33	1.0000
				33-Canned: Baked				
				1.000000	1.000	1.000	33	1.0000
				34-Canned: Boiled				
				1.000000	1.000	1.000	33	1.0000
				42-Frozen: Cooked				
				1.000000	1.000	1.000	33	1.0000
160	8	Tomatoes-juice		1.000000	0.540	1.000	33	1.0000
161	8	Tomatoes-puree		1.000000	0.650	1.000	33	1.0000
162	8	Tomatoes-paste		1.000000	0.650	1.000	33	1.0000
163	8	Tomatoes-catsup		1.000000	0.650	1.000	33	1.0000
165	2	Beets-garden-tops(greens)		1.000000	1.000	1.000	8	1.0000
166	4B	Celery		1.000000	1.000	1.000	11	1.0000
168	5A	Broccoli		1.000000	1.000	1.000	17	1.0000
169	5A	Brussels sprouts		14-Boiled				
				1.000000	0.025	1.000	18	1.0000
				42-Frozen: Cooked				
				1.000000	0.025	1.000	18	1.0000
170	5A	Cabbage-green and red		11-Uncooked				
				1.000000	0.250	1.000	19	1.0000
				12-Cooked: NFS				
				1.000000	0.025	1.000	19	1.0000
				13-Baked				
				1.000000	0.025	1.000	19	1.0000
				14-Boiled				
				1.000000	0.025	1.000	19	1.0000
				15-Fried				
				1.000000	0.025	1.000	19	1.0000
				31-Canned: NFS				

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

		1.000000	0.250	1.000	19	1.0000
		32-Canned: Cooked				
		1.000000	0.025	1.000	19	1.0000
		51-Cured: NFS (smoked/p				
		1.000000	0.250	1.000	19	1.0000
171	5A	Cauliflower				
		1.000000	1.000	1.000	99	1.0000
172	5B	Collards				
		1.000000	1.000	1.000	21	1.0000
174	5B	Kale				
		1.000000	1.000	1.000	22	1.0000
175	5A	Kohlrabi				
		14-Boiled				
		1.000000	0.025	1.000	23	1.0000
176	4A	Lettuce-leafy varieties				
		1.000000	1.000	1.000	102	1.0000
177	4A	Dandelion-greens				
		1.000000	1.000	1.000	12	1.0000
178	4A	Endive-curley and escarole				
		1.000000	1.000	1.000	15	1.0000
182	4A	Lettuce-unspecified				
		1.000000	1.000	1.000	102	1.0000
183	5B	Mustard greens				
		1.000000	1.000	1.000	22	1.0000
184	4A	Parsley				
		1.000000	1.000	1.000	12	1.0000
185	4B	Rhubarb				
		1.000000	1.000	1.000	16	1.0000
186	4A	Spinach				
		11-Uncooked				
		1.000000	1.000	1.000	12	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	12	1.0000
		13-Baked				
		0.000000	1.000	1.000		
		14-Boiled				
		1.000000	1.000	1.000	12	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	13	1.0000
		32-Canned: Cooked				
		1.000000	1.000	1.000	13	1.0000
		34-Canned: Boiled				
		1.000000	1.000	1.000	13	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	12	1.0000
		44-Frozen: Boiled				
		1.000000	1.000	1.000	12	1.0000
187	4B	Swiss chard				
		1.000000	1.000	1.000	16	1.0000
188	2	Turnips-tops				
		1.000000	1.000	1.000	10	1.0000
192	4A	Lettuce-head varieties				
		1.000000	1.000	1.000	14	1.0000
195	O	Grapes-leaves				
		1.000000	1.000	1.000	77	1.0000
197	1AB	Beets-garden-roots				
		1.000000	1.000	1.000	1	1.0000
198	1AB	Carrots				
		1.000000	1.000	1.000	2	1.0000
207	1C	Potatoes/white-whole				
		11-Uncooked				
		1.000000	1.000	1.000	4	1.0000
		12-Cooked: NFS				
		1.000000	0.040	1.000	4	1.0000
		13-Baked				
		1.000000	1.200	1.000	4	1.0000
		14-Boiled				
		1.000000	2.500	1.000	4	1.0000
		15-Fried				
		1.000000	0.040	1.000	4	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	4	1.0000
208	1C	Potatoes/white-unspecified				
		1.000000	1.000	1.000	4	1.0000
209	1C	Potatoes/white-peeled				
		11-Uncooked				
		0.000000	1.000	1.000		
		12-Cooked: NFS				

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

	1.000000	1.000	1.000	4	1.0000
	13-Baked				
	1.000000	1.200	1.000	4	1.0000
	14-Boiled				
	1.000000	2.500	1.000	4	1.0000
	15-Fried				
	1.000000	0.040	1.000	4	1.0000
	31-Canned: NFS				
	0.000000	1.000	1.000		
	32-Canned: Cooked				
	1.000000	1.000	1.000	4	1.0000
	34-Canned: Boiled				
	1.000000	2.500	1.000	4	1.0000
	42-Frozen: Cooked				
	1.000000	1.000	1.000	4	1.0000
	43-Frozen: Baked				
	1.000000	1.200	1.000	4	1.0000
	45-Frozen: Fried				
	1.000000	0.040	1.000	4	1.0000
210 1C	Potatoes/white-dry				
	0.000357	0.020	1.000		
211 1C	Potatoes/white-peel only				
	13-Baked				
	1.000000	1.200	1.000	4	1.0000
	15-Fried				
	1.000000	0.040	1.000	4	1.0000
212 1AB	Radishes-roots				
	1.000000	1.000	1.000	5	1.0000
213 2	Radishes-tops				
	1.000000	1.000	1.000	9	1.0000
214 1AB	Rutabagas-roots				
	1.000000	1.000	1.000	6	1.0000
215 2	Rutabagas-tops				
	1.000000	1.000	1.000	10	1.0000
216 1AB	Salsify(oyster plant)				
	1.000000	1.000	1.000	3	1.0000
218 1CD	Sweet potatoes (incl yams)				
	1.000000	1.000	1.000	7	1.0000
219 1AB	Turnips-roots				
	1.000000	1.000	1.000	6	1.0000
220 1AB	Parsnips				
	1.000000	1.000	1.000	3	1.0000
227 6C	Beans-dry-great northern				
	0.002000	1.000	1.000		
228 6C	Beans-dry-kidney				
	0.002000	1.000	1.000		
229 6C	Beans-dry-lima				
	0.002000	1.000	1.000		
230 6C	Beans-dry-navy (pea)				
	0.002000	1.000	1.000		
231 6C	Beans-dry-other				
	0.002000	1.000	1.000		
232 6C	Beans-dry-pinto				
	0.002000	1.000	1.000		
233 6B	Beans-succulent-lima				
	1.000000	1.000	1.000	26	1.0000
234 6A	Beans-succulent-green				
	11-Uncooked				
	1.000000	1.000	1.000	24	1.0000
	12-Cooked: NFS				
	1.000000	1.000	1.000	24	1.0000
	14-Boiled				
	1.000000	1.000	1.000	24	1.0000
	31-Canned: NFS				
	1.000000	1.000	1.000	25	1.0000
	32-Canned: Cooked				
	1.000000	1.000	1.000	25	1.0000
	34-Canned: Boiled				
	1.000000	1.000	1.000	25	1.0000
	42-Frozen: Cooked				
	1.000000	1.000	1.000	25	1.0000
	44-Frozen: Boiled				
	1.000000	1.000	1.000	25	1.0000
	51-Cured: NFS (smoked/p				
	1.000000	1.000	1.000	25	1.0000
235 6A	Beans-succulent-other				
	1.000000	1.000	1.000	25	1.0000
236 6A	Beans-succulent-yellow/wax				

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

		14-Boiled				
		1.000000	1.000	1.000	24	1.0000
		32-Canned: Cooked				
		1.000000	1.000	1.000	25	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	25	1.0000
237	15	Corn/pop				
		0.000100	1.000	1.000		
238	15	Corn/sweet				
		1.000000	1.000	1.000	73	1.0000
240	6C	Peas (garden)-dry				
		0.013000	1.000	1.000		
241	6AB	Peas (garden)-green				
		11-Uncooked				
		1.000000	1.000	1.000	27	1.0000
		12-Cooked: NFS				
		1.000000	1.000	1.000	27	1.0000
		13-Baked				
		1.000000	1.000	1.000	27	1.0000
		14-Boiled				
		1.000000	1.000	1.000	27	1.0000
		15-Fried				
		1.000000	1.000	1.000	27	1.0000
		31-Canned: NFS				
		1.000000	1.000	1.000	28	1.0000
		32-Canned: Cooked				
		1.000000	1.000	1.000	28	1.0000
		34-Canned: Boiled				
		1.000000	1.000	1.000	28	1.0000
		42-Frozen: Cooked				
		1.000000	1.000	1.000	28	1.0000
		44-Frozen: Boiled				
		1.000000	1.000	1.000	28	1.0000
		45-Frozen: Fried				
		1.000000	1.000	1.000	28	1.0000
243	6C	Lentils				
		0.002000	1.000	1.000		
244	6C	Mung beans (sprouts)				
		0.002000	1.000	1.000		
245	O	Okra				
		12-Cooked: NFS				
		1.000000	0.180	1.000	79	1.0000
		14-Boiled				
		1.000000	0.050	1.000	79	1.0000
		15-Fried				
		1.000000	0.180	1.000	79	1.0000
		32-Canned: Cooked				
		1.000000	0.180	1.000	79	1.0000
		42-Frozen: Cooked				
		1.000000	0.180	1.000	79	1.0000
		44-Frozen: Boiled				
		1.000000	0.050	1.000	79	1.0000
249	6C	Beans-dry-broadbeans				
		0.002000	1.000	1.000		
250	6B	Beans-succulent-broadbeans				
		1.000000	1.000	1.000	24	1.0000
251	6C	Beans-dry-pigeon beans				
		0.002000	1.000	1.000		
253	6	Beans-unspecified				
		1.000000	1.000	1.000	24	1.0000
255	6A	Soybeans-sprouted seeds				
		0.000015	0.330	1.000	109	1.0000
256	O	Beans-dry-hyacinth				
		0.002000	1.000	1.000		
257	O	Beans-succulent-hyacinth				
		1.000000	1.000	1.000	24	1.0000
258	6C	Beans-dry-blackeye peas/cowpea				
		0.002000	1.000	1.000		
259	6C	Beans-dry-garbanzo/chick pea				
		0.002000	1.000	1.000		
260	O	Asparagus				
		1.000000	1.000	1.000	74	1.0000
266	15	Corn grain-endosperm				
		0.000100	1.000	1.000		
267	15	Corn grain-bran				
		0.000100	1.000	1.000		
268	15	Corn grain/sugar/hfcs				
		0.000100	1.500	1.000		

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

270 15	Rice-rough (brown)						
	0.074000	1.000	1.000				
271 15	Rice-milled (white)						
	0.074000	0.030	1.000				
275 15	Sorghum (including milo)						
	0.000015	1.000	1.000	110	1.0000		
276 15	Wheat-rough						
	0.000015	1.000	1.000	110	1.0000		
277 15	Wheat-germ						
	0.000015	0.650	1.000				
278 15	Wheat-bran						
	0.000015	1.000	1.000				
279 15	Wheat-flour						
	0.000015	0.100	1.000				
280 15	Millet						
	0.000015	1.000	1.000	110	1.0000		
282 1A	Sugar-beet						
	0.000400	0.040	1.000				
287 6C	Guar beans						
	1.000000	1.000	1.000	24	1.0000		
289 15	Corn grain-oil						
	0.000100	0.250	1.000				
292 O	Flax seed						
	0.000100	1.000	1.000				
293 O	Peanuts-oil						
	0.000600	0.290	1.000				
297 6A	Soybeans-oil						
	0.000015	0.005	1.000				
298 O	Sunflower-oil						
	0.000400	0.030	1.000				
300 O	olive oil						
	0.077000	0.810	1.000				
303 6A	Soybean-other						
	0.000015	1.000	1.000	109	1.0000		
304 6A	Soybeans-mature seeds dry						
	0.000015	1.000	1.000	109	1.0000		
305 6A	Soybeans-flour (full fat)						
	0.000015	1.000	1.000				
306 6A	Soybeans-flour (low fat)						
	0.000015	1.000	1.000				
307 6A	Soybeans-flour (defatted)						
	0.000015	1.000	1.000				
315 O	Grapes-wine and sherry						
	1.000000	1.000	1.000	77	1.0000		
318 D	Milk-nonfat solids						
	0.030000	1.000	1.000	86	1.0000		
319 D	Milk-fat solids						
	0.030000	1.000	1.000	86	1.0000		
320 D	Milk sugar (lactose)						
	0.030000	1.000	1.000	86	1.0000		
321 M	Beef-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		
322 M	Beef-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
323 M	Beef-dried						
	0.907000	1.920	1.000	86	1.0000		
324 M	Beef-fat w/o bones						
	0.368000	1.000	1.000	86	1.0000		
325 M	Beef-kidney						
	3.675000	1.000	1.000	88	1.0000		
326 M	Beef-liver						
	1.390000	1.000	1.000	87	1.0000		
327 M	Beef-lean (fat/free) w/o bones						
	0.907000	1.000	1.000	86	1.0000		
328 M	Goat-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		
329 M	Goat-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
330 M	Goat-fat w/o bone						
	0.368000	1.000	1.000	86	1.0000		
331 M	Goat-kidney						
	3.675000	1.000	1.000	88	1.0000		
332 M	Goat-liver						
	1.390000	1.000	1.000	87	1.0000		
333 M	Goat-lean (fat/free) w/o bone						
	0.907000	1.000	1.000	86	1.0000		
336 M	Sheep-meat byproducts						
	3.675000	1.000	1.000	88	1.0000		

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

337 M	Sheep-other organ meats						
	3.675000	1.000	1.000	88	1.0000		
338 M	Sheep-fat w/o bone						
	0.368000	1.000	1.000	86	1.0000		
339 M	Sheep-kidney						
	3.675000	1.000	1.000	88	1.0000		
340 M	Sheep-liver						
	1.390000	1.000	1.000	87	1.0000		
341 M	Sheep-lean (fat free) w/o bone						
	0.907000	1.000	1.000	86	1.0000		
342 M	Pork-meat byproducts						
	0.260000	1.000	1.000	92	1.0000		
343 M	Pork-other organ meats						
	0.260000	1.000	1.000	92	1.0000		
344 M	Pork-fat w/o bone						
	0.026000	1.000	1.000	90	1.0000		
345 M	Pork-kidney						
	0.260000	1.000	1.000	92	1.0000		
346 M	Pork-liver						
	0.100000	1.000	1.000	91	1.0000		
347 M	Pork-lean (fat free) w/o bone						
	0.065000	1.000	1.000	89	1.0000		
349 F	Fish-shellfish						
	0.250000	1.000	1.000				
377 11	Apples-juice-concentrate						
	1.000000	3.000	1.000	50	1.0000		
378 O	Bananas-juice						
	1.000000	1.000	1.000	75	1.0000		
379 1A	Sugar-beet-molasses						
	0.000400	0.040	1.000				
380 13A	Blackberries-juice						
	1.000000	1.000	1.000	63	1.0000		
383 5B	Cabbage-savoy						
	12-Cooked: NFS						
	1.000000	0.025	1.000	19	1.0000		
384 4B	Celery juice						
	1.000000	1.000	1.000	11	1.0000		
388 15	Corn grain/sugar-molasses						
	0.000100	1.500	1.000				
389 O	Cranberries-juice-concentrate						
	1.000000	3.300	1.000	76	1.0000		
392 O	Grapes-juice-concentrate						
	1.000000	3.000	1.000	78	1.0000		
398 D	Milk-based water						
	0.030000	1.000	1.000	86	1.0000		
402 12	Peaches-juice						
	1.000000	1.000	1.000	60	1.0000		
403 O	Peanuts-butter						
	0.000600	1.890	1.000				
404 11	Pears-juice						
	1.000000	0.370	1.000	105	1.0000		
405 6B	Peas-succulent/blackeye/cowpea						
	12-Cooked: NFS						
	1.000000	1.000	1.000	27	1.0000		
	14-Boiled						
	1.000000	1.000	1.000	27	1.0000		
	32-Canned: Cooked						
	1.000000	1.000	1.000	28	1.0000		
	42-Frozen: Cooked						
	1.000000	1.000	1.000	28	1.0000		
406 O	Pineapples-juice-concentrate						
	1.000000	2.000	1.000	82	0.0250	95	0.4750
407 1AB	Radishes-japanese (daiken)						
	1.000000	1.000	1.000	5	1.0000		
408 15	Rice-bran						
	0.074000	0.400	1.000				
410 12	Apricot juice						
	1.000000	1.000	1.000	98	1.0000		
413 6A	Snowpeas						
	11-Uncooked						
	1.000000	1.000	1.000	27	1.0000		
	12-Cooked: NFS						
	1.000000	1.000	1.000	27	1.0000		
	14-Boiled						
	1.000000	1.000	1.000	27	1.0000		
	15-Fried						
	1.000000	1.000	1.000	27	1.0000		
	42-Frozen: Cooked						

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

		1.000000	1.000	1.000	28	1.0000
415 9B	Squash-spaghetti	1.000000	1.000	1.000	40	1.0000
416 O	Strawberries-juice	1.000000	1.000	1.000	84	1.0000
417 O	Sunflower-seeds	1.000000	1.000	1.000	85	1.0000
420 10	Tangerines-juice-concentrate	1.000000	4.080	1.000	46	1.0000
423 8	Tomatoes-dried	1.000000	0.520	1.000	33	1.0000
424 M	Veal-fat w/o bones	0.368000	1.000	1.000	86	1.0000
425 M	Veal-lean (fat free) w/o bones	0.907000	1.000	1.000	86	1.0000
426 M	Veal-kidney	3.675000	1.000	1.000	88	1.0000
427 M	Veal-liver	1.390000	1.000	1.000	87	1.0000
428 M	Veal-other organ meats	3.675000	1.000	1.000	88	1.0000
429 M	Veal-dried	0.907000	1.920	1.000	86	1.0000
430 M	Veal-meat byproducts	3.675000	1.000	1.000	88	1.0000
431 14	Walnut oil	0.005400	1.000	1.000		
436 9A	Watermelon-juice	1.000000	1.000	1.000	38	1.0000
437 15	Wheat-germ oil	0.000015	0.650	1.000		
439 9B	Wintermelon	1.000000	1.000	1.000	35	1.0000
441 10	Grapefruit-juice-concentrate	1.000000	4.580	1.000	43	1.0000
442 10	Lemons-juice-concentrate	1.000000	6.330	1.000	44	1.0000
443 10	Limes-juice-concentrate	1.000000	3.330	1.000	46	1.0000
448 10	Grapefruit peel	1.000000	1.000	1.000	101	1.0000
480 O	Plantains-green	1.000000	1.000	1.000	75	1.0000
481 O	Plantains-dried	1.000000	3.900	1.000	75	1.0000
940 O	Peanuts-hulled	0.000600	1.000	1.000		

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

### Results - 1989 - 1992 Consumption Data Used

U.S. Environmental Protection Agency  
DEEM ACUTE Analysis for CARBARYL  
Residue file: \$\$\$10carbarylfinal9 market basket.RS7  
Adjustment factor #2 NOT used.  
Analysis Date: 04-08-2002/14:18:59 Residue file dated: 04-04-2002/17:32:06/8  
Daily totals for food and foodform consumption used.  
MC iterations = 1000 MC list in residue file MC seed = 10  
Run Comment: "  
=====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:	0.000462	4.62	0.001241	12.41	0.004623	46.23
All infants:	0.000593	5.93	0.002875	28.75	0.007272	72.72
Nursing infants (<1 yr old):	0.000265	2.65	0.000950	9.50	0.006218	62.18
Non-nursing infants (<1 yr old):	0.000764	7.64	0.003068	30.68	0.007951	79.51
Children 1-6 yrs:	0.001241	12.41	0.002280	22.80	0.007344	73.44
Children 7-12 yrs:	0.000680	6.80	0.001345	13.45	0.006238	62.38
Females 13+ (preg/not nursing):	0.000418	4.18	0.000825	8.25	0.004483	44.83
Females 13+ (nursing):	0.000411	4.11	0.001179	11.79	0.007629	76.29
Females 13-19 (not preg or nursing):	0.000320	3.20	0.000776	7.76	0.003523	35.23
Females 20+ (not preg or nursing):	0.000274	2.74	0.000867	8.67	0.003792	37.92
Females 13-50 yrs:	0.000299	2.99	0.000858	8.58	0.003546	35.46
Males 13-19 yrs:	0.000409	4.09	0.000815	8.15	0.002723	27.23
Males 20+ yrs:	0.000297	2.97	0.000836	8.36	0.003423	34.23
Seniors 55+:	0.000275	2.75	0.000905	9.05	0.004810	48.10

## Attachment 8 Acute Dietary Exposure Analysis: Market Basket Survey: All Commodities

### Results - 1994- 1998 Consumption Data

U.S. Environmental Protection Agency  
DEEM ACUTE Analysis for CARBARYL  
Residue file: \$\$\$10carbarylfinal9 market basket.RS7  
Adjustment factor #2 NOT used.  
Analysis Date: 04-08-2002/15:15:48 Residue file dated: 04-04-2002/17:32:06/8  
Daily totals for food and foodform consumption used.  
MC iterations = 1000 MC list in residue file MC seed = 10  
Run Comment: "  
=====

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
U.S. Population:	0.000465	4.65	0.001303	13.03	0.004865	48.65
All infants:	0.000650	6.50	0.002630	26.30	0.008091	80.91
Nursing infants (<1 yr old):	0.000286	2.86	0.001101	11.01	0.006065	60.65
Non-nursing infants (<1 yr old):	0.000785	7.85	0.003051	30.51	0.008895	88.95
Children 1-6 yrs:	0.001348	13.48	0.002799	27.99	0.009481	94.81
Children 7-12 yrs:	0.000643	6.43	0.001214	12.14	0.004921	49.21
Females 13+ (preg/not nursing):	0.000378	3.78	0.000853	8.53	0.005102	51.02
Females 13+ (nursing):	0.000353	3.53	0.000799	7.99	0.007064	70.64
Females 13-19 (not preg or nursing):	0.000301	3.01	0.000799	7.99	0.004039	40.39
Females 20+ (not preg or nursing):	0.000279	2.79	0.000863	8.63	0.004298	42.98
Females 13-50 yrs:	0.000298	2.98	0.000878	8.78	0.004224	42.24
Males 13-19 yrs:	0.000402	4.02	0.000867	8.67	0.004515	45.15
Males 20+ yrs:	0.000311	3.11	0.000831	8.31	0.003359	33.59
Seniors 55+:	0.000279	2.79	0.000819	8.19	0.004649	46.49

## **Attachment 9: Quantitative Usage Analysis (QUA)**

### **Quantitative Usage Analysis for Carbaryl**

Case Number: 0080              PC Code: 56801

Date: July 21, 1998              Analyst: Frank Hernandez

Based on available pesticide survey usage information for the years of 1987 through 1996, an annual estimate of carbaryl total domestic usage averaged approximately two and one half million pounds active ingredient (a.i.) for over one and one half million acres treated. Carbaryl is an insecticide with its largest markets in terms of total pounds active ingredient allocated to pecans (12%), apples (9%), grapes(6%), oranges (5%), alfalfa (5%), and corn (4%). Most of the usage is in AR, CA, GA, IL, IN, MI, MS, OH, OK, and TX.

Crops with a high percentage of the total U.S. planted acres treated include avocados (67%), Chinese cabbage (57%), asparagus (43%), cranberries (39%), and Brussels sprouts (33%).

Crops with less than 1 percent of the crop treated include alfalfa, dry beans, canola, corn, cotton, flax, oats, pasture, green peas, safflower, sod, sorghum, soybeans, sugar cane, sunflowers, sweet corn, walnuts, wheat, and woodland.

## Attachment 9: Quantitative Usage Analysis (QUA)

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			1 (%) of total lb ai used on this site)	States of Most Usage
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Ib ai/ acre/yr	#appl / yr	Ib ai/ A/appl		
Alfalfa	23,949	120	263	0.50	1.10	130	365	1.1	1.0	1.1	NE SD OK MT ND IL	77%
Almonds	429	7	16	1.72	3.61	16	49	2.1	1.0	2.1	CA	100%
Apples	572	131	175	22.92	30.59	230	282	1.8	1.4	1.2	WA MI NY CA CT IN	77%
Asparagus	88	38	77	43.35	86.69	46	117	1.2	1.3	0.9	MI WA	97%
Avocados	82	55	70	66.93	85.18	1	2	0.0	1.5	0.0		
Beans, Dry	1,802	12	51	0.65	2.86	6	28	0.5	1.0	0.5	CA ND CO	88%
Beans, Lima, Fresh	6	1	2	12.49	29.88	1	2	1.1	1.2	0.9	GA	100%
Beans, Snap, Fresh	81	11	17	14.12	21.03	16	23	1.4	1.6	0.9	NC FL	84%
Beans, Snap, Proc.	228	24	36	10.39	15.83	28	43	1.2	1.6	0.7	IL St OR	83%
Beets	12	2	3	16.87	27.45	1	2	0.5	1.0	0.5	WI TX OR	94%
Blackberries	5	1	2	28.39	44.05	2	4	1.7	1.0	1.7	OR	100%
Blueberries	59	13	26	22.43	44.85	26	53	2.0	1.2	1.7	ME MI	83%
Broccoli	114	5	10	4.43	8.86	4	8	0.8	1.0	0.8	CA OR TX	88%
Brussels Sprouts	3	1	2	33.33	66.67	1	2	1.0	1.1	0.9		
Cabbage, Chinese	9	5	7	57.47	80.46	1	2	0.2	1.1	0.2	CA	90%
Cabbage, Fresh	84	1	4	1.78	4.40	2	6	1.6	1.6	1.0	NC NY	84%
Canola	39	0	2	0.31	4.64	0	1	0.5	1.0	0.5	MT	100%
Cantaloupes	113	8	11	7.27	9.39	8	13	0.9	1.1	0.8	CA IL GA TX	83%
Carrots	107	4	6	3.67	5.75	9	23	2.3	2.5	0.9	WI MI MN	88%
Cauliflower	58	1	2	1.55	3.60	1	2	1.1	1.0	1.1	OR CA WA	83%
Celery	37	1	2	2.97	6.13	2	4	1.8	1.8	1.0	MI WI	89%
Cherries, Sweet	47	12	17	25.29	36.45	32	46	2.7	1.4	1.9	WA MI CA	84%
Cherries, Tart	49	6	11	11.79	23.59	13	27	2.3	1.3	1.9	MI NY	88%

## Attachment 9: Quantitative Usage Analysis (QUA)

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			1 (%) of total lb ai used on this site)	States of Most Usage
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Ib ai/ acre/yr	#appl / yr	Ib ai/ A/appl		
Citrus, Other	51	2	3	2.98	5.65	5	12	3.2	1.8	1.8	FL 86%	
Collards	11	0	1	3.72	10.13	0	1	0.9	1.0	0.9	NJ 88%	
Corn	72,284	82	164	0.11	0.23	110	228	1.3	1.3	1.0	MO NE MS IN GA IL 51%	
Cotton	12,689	26	77	0.20	0.61	32	94	1.2	1.1	1.1	TN MS TX CA 83%	
Cranberries	29	11	24	38.97	83.65	23	48	2.0	1.0	2.0	WI MA 95%	
Cucumbers	146	20	46	14.03	31.83	23	51	1.1	1.0	1.1	NC OH SC NY VA DE 73%	
Cucumbers, Proc.	117	5	11	4.69	9.37	7	15	1.3	2.2	0.6	NC MI 85%	
Eggplant	119	11	25	8.87	20.59	22	54	2.0	2.1	1.0	FL NJ TX IL OR CA 64%	
Flax	188	1	2	0.46	0.91	1	2	1.1	1.0	1.1	ND 100%	
Grapefruit	194	8	11	4.05	5.59	18	20	2.3	1.6	1.4	FL TX 95%	
Grapes	825	64	97	7.77	11.81	150	217	2.3	1.7	1.4	NY CA OR PA MI AR 77%	
Hay, Other	33,427	91	267	0.27	0.80	87	273	1.0	1.2	0.8	TX SD FL NC CA LA 81%	
Hazelnuts (Filberts)	27	1	3	3.90	12.18	3	8	2.5	1.0	2.5		
Lemons	63	2	4	2.77	6.55	6	14	3.4	1.3	2.7	CA 91%	
Lettuce, Head	212	7	17	3.08	8.10	8	22	1.3	1.2	1.1	CA 82%	
Lots/Farmsteads/etc	24,815	58	152	0.23	0.61	60	174	1.0	2.5	0.4	MA AZ FL PA TX KY 62%	
Melons, Honeydew	27	5	12	19.09	43.69	4	10	0.9	1.2	0.7	CA 100%	
Nectarines	29	4	7	12.11	24.22	15	30	4.2	1.1	3.8		
Oats/Rye	6,133	8	18	0.13	0.29	6	13	0.7	1.0	0.7	MN MS ND TX MT MI 77%	
Okra	3	1	3	32.36	94.03	2	6	1.9	1.0	1.9	TX 84%	
Olives	32	3	5	9.61	15.42	16	26	5.3	1.0	5.3	CA 100%	
Onions, Dry	157	6	18	3.71	11.36	23	72	4.0	7.0	0.6	MI 100%	
Oranges	867	28	42	3.27	4.89	130	194	4.6	1.3	3.4	CA FL 99%	

## Attachment 9: Quantitative Usage Analysis (QUA)

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			1 (% of total lb ai used on this site)	States of Most Usage
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	lb ai/ A/appl		
Other Crops	2,515	35	43	1.39	1.70	63	156	1.8	1.3	1.4	CA MA TX NJ WA MI	75%
Pasture	86,960	27	69	0.03	0.08	25	77	0.9	1.0	0.9	NC TX SC NE LA	80%
Peaches	212	32	38	15.10	18.05	96	203	3.0	2.9	1.0	GA CA TX OK SC MI	68%
Peanuts	1,610	48	96	2.99	5.99	53	107	1.1	1.4	0.8	GA TX NC AL VA	84%
Pears	78	2	5	2.92	6.43	3	8	1.5	1.5	1.0	WA OR CA PA NY OH	73%
Peas, Dry	249	6	22	2.52	8.97	6	22	1.0	1.0	1.0	WA ID TX	93%
Peas, Green	386	6	28	1.59	7.13	9	40	1.5	1.0	1.5	MN OR	83%
Peas, Green, Proc.	329	2	17	0.62	5.23	3	25	1.5	1.0	1.5	OR	100%
Pecans	488	95	115	19.53	23.51	290	610	3.0	2.2	1.4	GA TX OK MS AR	84%
Peppers, Bell	55	6	11	10.15	20.30	9	22	1.5	1.7	0.9	FL CA MI	90%
Peppers, Sweet	77	10	23	12.95	29.95	14	31	1.3	1.0	1.3	CA FL KY LA IL	80%
Pistachios	52	9	20	16.84	38.06	32	72	3.6	1.0	3.6		
Plums	64	3	6	4.68	9.36	12	23	3.8	1.0	3.8	CA	81%
Potatoes	1,421	24	38	1.70	2.68	34	50	1.4	1.7	0.8	ND WA MI ID FL NY	59%
Pumpkins	36	11	20	31.21	56.11	37	66	3.2	1.6	2.0	IL PA IN OH	83%
Raspberries	11	0	1	3.57	9.84	1	3	2.8	1.0	2.8	OR MI	92%
Rice	2,921	33	40	1.15	1.37	41	58	1.2	1.1	1.1	TX CA	80%
Safflower	113	1	7	0.98	5.96	0	3	0.4	1.0	0.4	CA	100%
Sod	152	0	7	0.14	4.28	0	15	2.2	1.0	2.2	TX NH	100%
Sorghum	11,280	23	47	0.21	0.41	31	62	1.3	1.2	1.1	MO KS TX LA NE MS	75%
Soybeans	62,879	101	210	0.16	0.33	86	174	0.9	1.0	0.9	MN NE SD MS NC IL	60%
Squash	53	6	14	11.25	26.77	8	19	1.4	1.0	1.4	NJ FL MI CA NY TX	90%
Strawberries	51	8	12	16.02	23.62	24	55	2.9	2.1	1.4	CA FL NC PA	81%

## Attachment 9: Quantitative Usage Analysis (QUA)

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate			1 (% of total lb ai used on this site)	States of Most Usage
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/yr	#appl / yr	lb ai/ A/appl		
Sugar Beets	1,415	23	54	1.60	3.80	34	126	1.5	1.1	1.3	CA TX WA MN OR 84%	
Sugarcane	852	0	1	0.04	0.07	0	0	0.2	1.1	0.1	FL 100%	
Sunflower	2,745	11	40	0.40	1.47	8	31	0.7	1.1	0.7	SD ND 92%	
Sweet Corn, Fresh	233	9	17	3.84	7.12	28	52	3.1	2.5	1.3	CA MI IL 82%	
Sweet Corn, Proc.	544	3	21	0.49	3.81	8	63	3.0	2.9	1.1	IL 100%	
Sweet Potatoes	85	16	35	18.47	40.90	25	55	1.6	1.0	1.6	LA MS NC 82%	
Tobacco	695	10	20	1.50	2.85	18	44	1.7	1.5	1.1	NC KY SC TN IN 84%	
Tomatoes, Fresh	136	7	15	5.40	10.80	14	35	1.9	2.6	0.7	CA FL TX 87%	
Tomatoes, Proc.	329	48	88	14.47	26.86	72	135	1.5	1.3	1.2	CA 97%	
Walnuts	205	1	4	0.54	1.82	2	8	2.1	1.1	1.9	CA 100%	
Watermelons	258	33	38	12.71	14.79	16	33	0.5	1.0	0.5	FL IN MS TX GA 76%	
Wheat, Spring	20,799	24	48	0.11	0.23	16	32	0.7	1.0	0.6	ND MN MT 88%	
Wheat, Winter	45,854	50	106	0.11	0.23	44	78	0.9	1.0	0.8	KY NC TX WY OR MD 67%	
Woodland	62,825	31	72	0.05	0.11	26	54	0.8	1.2	0.7	PA MI FL ND OH IA 79%	
Total		1659.6	2464			2517.2	3926					

### COLUMN HEADINGS

Wtd Avg = Weighted average--the most recent years and more reliable data are weighted more heavily.

Est Max = Estimated maximum, which is estimated from available data.

Average application rates are calculated from the weighted averages.

### NOTES ON TABLE DATA

Usage data primarily covers 1987 - 1996. Calculations of the above numbers may not appear to agree because they are displayed as rounded to the nearest 1000 for acres treated or lb. a.i. (Therefore 0 = < 500) to two decimal percentage points for % of crop treated.

### Other/Crop Groups

Citrus, Other includes kumquats, limes, tangelos, and tangerines.

Other Crops include ornamentals, popcorn, rapeseed/canola, and safflower.

SOURCES: EPA data, USDA, and National Center for Food and Agricultural Policy.